

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026473.D
 Acq On : 21 Jun 2022 02:11
 Operator : SY/MD
 Sample : N3355-12MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY0C9MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/21/2022
 Supervised By :Mahesh Dadoda 06/24/2022

Supervised By :Mahesh
 Dadoda
 06/24/2022

Quant Time: Jun 21 05:43:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 05:26:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	189213	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	178564	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	88276	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	71624	4.358	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.584	69	61105	4.729	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.127	63	133032	4.714	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.931	46	92605	57.748	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.500%
24) Chloroform-d	4.365	84	135122	5.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.200%
26) 1,2-Dichloroethane-d4	5.043	65	53909	5.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.059	84	270075	5.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.200%
36) 1,2-Dichloropropane-d6	6.075	67	76924	5.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.400%
41) Toluene-d8	7.320	98	254724	5.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.000%
43) trans-1,3-Dichloroprop...	7.628	79	17276	3.824	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.091	63	72671	53.248	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.500%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	50972	5.939	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	73861	5.432	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.146	85	61918	4.377	ug/L	99
3) Chloromethane	1.259	50	70674	4.499	ug/L	98
5) Vinyl chloride	1.326	62	75388	4.616	ug/L	86
6) Bromomethane	1.539	94	32616	3.573	ug/L	100
8) Chloroethane	1.603	64	67695	6.676	ug/L	91
9) Trichlorofluoromethane	1.770	101	109401	4.853	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.133	101	60178	4.603	ug/L	99
12) 1,1-Dichloroethene	2.133	96	60830	5.089	ug/L	92
13) Acetone	2.217	43	65643	52.820	ug/L	90
14) Carbon disulfide	2.310	76	133867	4.542	ug/L	98
15) Methyl Acetate	2.468	43	13511m	4.531	ug/L	
16) Methylene chloride	2.523	84	63825	4.185	ug/L	99
17) Methyl tert-butyl Ether	2.789	73	110422	5.372	ug/L	98
18) trans-1,2-Dichloroethene	2.777	96	60507	5.219	ug/L	96
19) 1,1-Dichloroethane	2.207	63	120821	5.465	ug/L	98
21) 2-Butanone	4.018	43	87447	54.381	ug/L	92
22) cis-1,2-Dichloroethene	3.928	96	67048	5.716	ug/L	94
23) Bromochloromethane	4.265	128	28460	5.718	ug/L	92
25) Chloroform	4.387	83	129764	5.410	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026473.D
 Acq On : 21 Jun 2022 02:11
 Operator : SY/MD
 Sample : N3355-12MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY0C9MS

Quant Time: Jun 21 05:43:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 05:26:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/21/2022
 Supervised By :Mahesh Dadoda 06/24/2022

Supervised By :Mahesh
 Dadoda
 06/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	58671	5.374	ug/L	100
29) 1,1,1-Trichloroethane	4.619	97	113715	5.764	ug/L	100
30) Cyclohexane	4.690	56	67755	4.591	ug/L	98
31) Carbon tetrachloride	4.841	117	89892	5.379	ug/L	99
33) Benzene	5.111	78	261966	5.722	ug/L	100
34) Trichloroethene	5.921	95	189114	15.131	ug/L	98
35) Methylcyclohexane	6.137	83	74450	4.306	ug/L	99
37) 1,2-Dichloropropane	6.178	63	68064	5.685	ug/L	99
38) Bromodichloromethane	6.516	83	79805	5.495	ug/L	100
39) cis-1,3-Dichloropropene	7.034	75	54464	3.985	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	254220	57.742	ug/L	99
42) Toluene	7.390	91	293552	6.097	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	41479	3.801	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	43671	5.557	ug/L	96
47) Tetrachloroethene	7.976	164	51727	5.587	ug/L	99
48) 2-Hexanone	8.143	43	177610	56.307	ug/L	99
49) Dibromochloromethane	8.246	129	45091	5.181	ug/L	94
50) 1,2-Dibromoethane	8.355	107	37019	5.528	ug/L	96
51) Chlorobenzene	8.882	112	177914	5.659	ug/L	98
52) Ethylbenzene	9.014	91	270923	5.613	ug/L	99
53) m,p-Xylene	9.140	106	109204	5.804	ug/L	95
54) o-Xylene	9.545	106	99496	5.459	ug/L	96
55) Styrene	9.561	104	76363	2.495	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	50244	6.302	ug/L	96
59) Bromoform	9.731	173	19041	4.913	ug/L	100
60) Isopropylbenzene	9.931	105	261885	5.565	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	32934	5.749	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	190116	5.091	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	194064	5.250	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	129537	5.602	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	129687	5.519	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	116491	5.688	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5356	5.278	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	78851	4.716	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	56716	4.599	ug/L	98
71) Naphthalene	13.500	128	78184	4.566	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	46778	4.531	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Supervised By :Mahesh
Dadoda
06/24/2022

Abundance

TIC: VV026473.D\data.ms

06/24/2022

Time-->

4600000

4400000

4200000

4000000

3800000

3600000

3400000

3200000

3000000

2800000

2600000

2400000

2200000

2000000

1800000

1600000

1400000

1200000

1000000

800000

600000

400000

200000

0

0.00

2.00

4.00

6.00

8.00

10.00

12.00

14.00

16.00

17.00

Dichlorodifluoromethane, T

Chloroethane, T

1,1-Dichloroethane, T

1,1,1-Trichloroethane, T

1,1,2-Trichloroethane, T

1,1,2,2-Tetrachloroethane, T

1,1,2,2,3-Pentachloropropane, T

1,1,2,2,3,3-Hexachloropropane, T

1,1,2,2,3,3,4-Heptachloropropane, T

1,1,2,2,3,3,4,4-Octachloropropane, T

1,1,2,2,3,3,4,4,5-Nonachloropropane, T

1,1,2,2,3,3,4,4,5,5-Decachloropropane, T

1,1,2,2,3,3,4,4,5,5,6-Undecachloropropane, T

1,1,2,2,3,3,4,4,5,5,6,6-Dodecachloropropane, T

1,1,2,2,3,3,4,4,5,5,6,6,7-Trichlorobutane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7-Tetrachlorobutane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8-Pentachlorobutane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Hexachlorobutane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9-Heptachlorobutane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-Octachlorobutane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10-Nonachlorobutane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Decachlorobutane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11-Undecachlorobutane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-Dodecachlorobutane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12-Trichloropentane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-Tetrachloropentane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13-Pentachloropentane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13-Hexachloropentane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14-Heptachloropentane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-Octachloropentane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15-Nonachloropentane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15-Decachloropentane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16-Trichlorohexane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16-Tetrachlorohexane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17-Pentachlorohexane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17-Hexachlorohexane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18-Heptachlorohexane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18-Octachlorohexane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19-Nonachlorohexane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19-Decachlorohexane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20-Trichloroheptane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20-Tetrachloroheptane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,21-Pentachloroheptane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,21,21-Hexachloroheptane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,21,21,22-Heptachloroheptane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,21,21,22,22-Octachloroheptane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23-Nonachloroheptane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23-Decachloroheptane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23,24-Trichlorooctane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23,24,24-Tetrachlorooctane, T

1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,21,21,22,2