

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072022\
 Data File : VW026845.D
 Acq On : 20 Jul 2022 11:29
 Operator : SY/MD
 Sample : N3670-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2022-04

Quant Time: Jul 21 02:02:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	205669	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	215114	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	91880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	94921	5.059	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.200%	
7) Chloroethane-d5	1.561	69	89570	5.525	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.400%	
11) 1,1-Dichloroethene-d2	2.101	63	138096	3.834	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.600%	
20) 2-Butanone-d5	3.896	46	148884	50.842	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.680%	
24) Chloroform-d	4.342	84	179732	5.478	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.600%	
26) 1,2-Dichloroethane-d4	5.031	65	79801	5.568	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.400%	
32) Benzene-d6	5.043	84	341413	5.223	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
36) 1,2-Dichloropropane-d6	6.066	67	107655	5.493	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.800%	
41) Toluene-d8	7.313	98	264138	4.552	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
43) trans-1,3-Dichloroprop...	7.622	79	29382	4.582	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.600%	
46) 2-Hexanone-d5	8.088	63	119851	43.171	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.340%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	74970	4.910	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	89356	5.582	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	5835	0.223	ug/L	97
3) Chloromethane	1.240	50	5925	0.236	ug/L	89
5) Vinyl chloride	1.307	62	6083	0.238	ug/L #	76
6) Bromomethane	1.516	94	3810	0.249	ug/L	88
8) Chloroethane	1.581	64	4591	0.305	ug/L	94
9) Trichlorofluoromethane	1.748	101	7723	0.238	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	5444	0.293	ug/L	89
12) 1,1-Dichloroethene	2.111	96	5040	0.279	ug/L #	1
14) Carbon disulfide	2.288	76	12493	0.235	ug/L	97
15) Methyl Acetate	2.455	43	1284m	0.258	ug/L	
16) Methylene chloride	2.503	84	9478	0.441	ug/L	89
17) Methyl tert-butyl Ether	2.767	73	7160	0.230	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	4541	0.274	ug/L	88
19) 1,1-Dichloroethane	3.185	63	7644	0.253	ug/L	97
21) 2-Butanone	4.011	43	6703m	2.333	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	4159	0.249	ug/L	85
23) Bromochloromethane	4.256	128	2054	0.267	ug/L	82
25) Chloroform	4.371	83	10909	0.344	ug/L	98
27) 1,2-Dichloroethane	5.143	62	4067	0.238	ug/L #	84

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072022\
 Data File : VV026845.D
 Acq On : 20 Jul 2022 11:29
 Operator : SY/MD
 Sample : N3670-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2022-04

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

Quant Time: Jul 21 02:02:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

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

29) 1,1,1-Trichloroethane	4.606	97	7100	0.245	ug/L	96
30) Cyclohexane	4.674	56	4763	0.193	ug/L #	74
31) Carbon tetrachloride	4.825	117	6023	0.235	ug/L	94
33) Benzene	5.105	78	16743	0.233	ug/L	100
34) Trichloroethene	5.924	95	4034	0.228	ug/L	96
35) Methylcyclohexane	6.124	83	5745	0.213	ug/L	97
37) 1,2-Dichloropropane	6.178	63	4130	0.240	ug/L #	89
38) Bromodichloromethane	6.513	83	5307	0.237	ug/L	100
39) cis-1,3-Dichloropropene	7.034	75	4809	0.225	ug/L	100
40) 4-Methyl-2-pentanone	7.233	43	12784	1.609	ug/L #	83
42) Toluene	7.394	91	14997	0.206	ug/L	100
44) trans-1,3-Dichloropropene	7.661	75	3846	0.219	ug/L	95
45) 1,1,2-Trichloroethane	7.844	97	2806	0.223	ug/L	90
47) Tetrachloroethene	7.976	164	3053	0.220	ug/L	93
49) Dibromochloromethane	8.249	129	3187	0.220	ug/L	81
50) 1,2-Dibromoethane	8.355	107	2719	0.244	ug/L #	94
51) Chlorobenzene	8.883	112	10829	0.236	ug/L	95
52) Ethylbenzene	9.014	91	13795	0.192	ug/L	98
53) m,p-Xylene	9.143	106	5409	0.194	ug/L	99
54) o-Xylene	9.545	106	4483	0.169	ug/L	96
55) Styrene	9.571	104	7168	0.154	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	3575	0.240	ug/L #	92
59) Bromoform	9.735	173	1437	0.244	ug/L #	69
60) Isopropylbenzene	9.931	105	11778	0.206	ug/L	96
61) 1,2,3-Trichloropropane	10.275	75	2439	0.288	ug/L #	87
62) 1,3,5-Trimethylbenzene	10.538	105	8781	0.193	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	9057	0.196	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	6886	0.245	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.439	75	377	0.210	ug/L	89
69) 1,3,5-Trichlorobenzene	12.648	180	5282	0.266	ug/L	95
70) 1,2,4-trichlorobenzene	13.265	180	3811	0.253	ug/L	98
71) Naphthalene	13.509	128	5033	0.201	ug/L #	86
72) 1,2,3-Trichlorobenzene	13.744	180	3396	0.242	ug/L	92

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072022\
 Data File : VV026845.D
 Acq On : 20 Jul 2022 11:29
 Operator : SY/MD
 Sample : N3670-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2022-04

Quant Time: Jul 21 02:02:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

