

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026510.D
 Acq On : 23 Jun 2022 13:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005333

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 00:34:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:21:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	218855	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	204310	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	106582	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	82015	4.660	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.574	69	66934	4.734	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.114	63	148754	4.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	3.931	46	106457	60.838	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.680%
24) Chloroform-d	4.355	84	137063	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.040	65	59051	5.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.056	84	286802	4.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.072	67	82776	5.129	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.317	98	270751	5.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	7.625	79	24543	5.884	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	117.600%
46) 2-Hexanone-d5	8.092	63	97060	61.089	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.180%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	57626	5.459	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	89750	5.088	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.137	85	80558	4.834	ug/L	100
3) Chloromethane	1.246	50	86577	4.750	ug/L	99
5) Vinyl chloride	1.317	62	91846	4.733	ug/L	89
6) Bromomethane	1.529	94	51679	4.920	ug/L	95
8) Chloroethane	1.594	64	61184m	4.636	ug/L	
9) Trichlorofluoromethane	1.761	101	128595	4.752	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	76010	4.740	ug/L	98
12) 1,1-Dichloroethene	2.124	96	70820	4.791	ug/L	93
13) Acetone	2.224	43	65961	59.419	ug/L	71
14) Carbon disulfide	2.301	76	189787	4.867	ug/L	99
15) Methyl Acetate	2.458	43	17799m	5.560	ug/L	
16) Methylene chloride	2.516	84	75841	4.833	ug/L	96
17) Methyl tert-butyl Ether	2.780	73	130818	5.430	ug/L	98
18) trans-1,2-Dichloroethene	2.767	96	73949	4.904	ug/L	97
19) 1,1-Dichloroethane	3.198	63	131398	4.852	ug/L	99
21) 2-Butanone	4.015	43	99413m	59.528	ug/L	
22) cis-1,2-Dichloroethene	3.921	96	76119	5.083	ug/L	97
23) Bromochloromethane	4.259	128	32699	5.302	ug/L	97
25) Chloroform	4.381	83	138473	4.780	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026510.D
 Acq On : 23 Jun 2022 13:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005333

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 00:34:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:21:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	65723	5.097	ug/L	97
29) 1,1,1-Trichloroethane	4.616	97	120312	4.786	ug/L	99
30) Cyclohexane	4.683	56	99255	4.986	ug/L	99
31) Carbon tetrachloride	4.831	117	99339	4.711	ug/L	100
33) Benzene	5.101	78	297805	4.992	ug/L	100
34) Trichloroethene	5.918	95	77156	4.920	ug/L	99
35) Methylcyclohexane	6.134	83	116054	5.002	ug/L	98
37) 1,2-Dichloropropane	6.179	63	70534	4.906	ug/L	98
38) Bromodichloromethane	6.513	83	84445	4.975	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	80892	5.597	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	294217	60.581	ug/L	98
42) Toluene	7.388	91	318539	5.172	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	62523	5.817	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	48402	5.338	ug/L	96
47) Tetrachloroethene	7.976	164	61031	4.888	ug/L	99
48) 2-Hexanone	8.143	43	209774	62.051	ug/L	95
49) Dibromochloromethane	8.246	129	48069	5.236	ug/L	99
50) 1,2-Dibromoethane	8.352	107	43358	5.378	ug/L	97
51) Chlorobenzene	8.883	112	204287	5.064	ug/L	99
52) Ethylbenzene	9.011	91	323559	5.080	ug/L	99
53) m,p-Xylene	9.140	106	128273	5.163	ug/L	95
54) o-Xylene	9.542	106	119978	5.144	ug/L	98
55) Styrene	9.561	104	208200	5.390	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	55416	5.473	ug/L	99
59) Bromoform	9.731	173	19524	4.971	ug/L	99
60) Isopropylbenzene	9.931	105	325781	4.956	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	37320	5.408	ug/L	99
62) 1,3,5-Trimethylbenzene	10.539	105	250857	4.828	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	256429	5.005	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	160776	5.029	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	159383	5.020	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	139579	5.131	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	6949	5.614	ug/L	90
69) 1,3,5-Trichlorobenzene	12.645	180	116390	5.063	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	88905	5.477	ug/L	99
71) Naphthalene	13.500	128	125281	5.915	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	75768	5.703	ug/L	99

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

Manual Integrations APPROVED

Quant Time: Jun 24 00:34:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 24 00:21:52 2022
Response via : Initial Calibration

