

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050922\
 Data File : VW025854.D
 Acq On : 09 May 2022 15:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005288

Quant Time: May 10 04:48:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 10 04:47:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	176683	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	176403	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	99967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56785	2.932	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.600%
7) Chloroethane-d5	1.568	69	62131	3.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.111	63	134474	3.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.892	46	133800	50.484	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.960%
24) Chloroform-d	4.342	84	129965	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.027	65	58128	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.043	84	235418	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.063	67	73184	4.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.310	98	208402	4.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	7.619	79	22710	4.306	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.085	63	112528	54.744	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.480%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53010	5.039	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	75004	4.277	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	91155	4.382	ug/L	100
3) Chloromethane	1.243	50	107578	4.442	ug/L	100
5) Vinyl chloride	1.310	62	111115	4.596	ug/L	100
6) Bromomethane	1.523	94	67382	5.119	ug/L	99
8) Chloroethane	1.584	64	74885	4.814	ug/L	99
9) Trichlorofluoromethane	1.754	101	152320	4.629	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	81735	4.606	ug/L	99
12) 1,1-Dichloroethene	2.117	96	81545	4.788	ug/L #	81
13) Acetone	2.182	43	96058	55.069	ug/L	94
14) Carbon disulfide	2.294	76	205599	4.669	ug/L	99
15) Methyl Acetate	2.436	43	21824	5.227	ug/L	91
16) Methylene chloride	2.503	84	79134	4.791	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	134464	5.194	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	70702	4.713	ug/L	97
19) 1,1-Dichloroethane	3.185	63	134752	5.037	ug/L	97
21) 2-Butanone	3.973	43	126672	54.273	ug/L	94
22) cis-1,2-Dichloroethene	3.905	96	77084	5.020	ug/L	94
23) Bromochloromethane	4.243	128	33179	5.284	ug/L #	89
25) Chloroform	4.368	83	143774	5.148	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	76553	5.056	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	122258	5.117	ug/L	98
30) Cyclohexane	4.670	56	97921	4.531	ug/L	97
31) Carbon tetrachloride	4.821	117	102806	5.040	ug/L	100
33) Benzene	5.092	78	304157	5.145	ug/L	100
34) Trichloroethene	5.908	95	74724	4.804	ug/L	97
35) Methylcyclohexane	6.127	83	111219	4.640	ug/L	95
37) 1,2-Dichloropropane	6.165	63	74215	5.167	ug/L	100
38) Bromodichloromethane	6.503	83	95172	5.345	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	92659	5.265	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	335081	56.150	ug/L	96
42) Toluene	7.381	91	322021	5.129	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	75110	5.352	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	48654	5.308	ug/L	98
47) Tetrachloroethene	7.969	164	56840	4.281	ug/L	97
48) 2-Hexanone	8.133	43	244094	58.000	ug/L	95
49) Dibromochloromethane	8.243	129	56092	5.547	ug/L	100
50) 1,2-Dibromoethane	8.349	107	43873	5.426	ug/L	99
51) Chlorobenzene	8.876	112	198708	4.975	ug/L	98
52) Ethylbenzene	9.008	91	317599	4.883	ug/L	99
53) m,p-Xylene	9.133	106	127014	4.970	ug/L	97
54) o-Xylene	9.542	106	121750	5.023	ug/L	96
55) Styrene	9.558	104	211626	5.286	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	51860	5.315	ug/L	98
59) Bromoform	9.728	173	26625	5.664	ug/L	97
60) Isopropylbenzene	9.927	105	317519	4.719	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	38806	4.850	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	129499	4.479	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	247878	4.691	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	152136	4.914	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	150211	4.752	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	134279	4.858	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	7298	4.889	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	107786	4.638	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	80044	4.614	ug/L	98
71) Naphthalene	13.500	128	112231	4.556	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	66762	4.722	ug/L	99

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

