

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010521\
 Data File : VX020507.D
 Acq On : 05 Jan 2021 19:17
 Operator : JC/MD
 Sample : L5214-01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT1-2021-01

Quant Time: Jan 06 04:57:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR010521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 06 04:56:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	158958	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	154983	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	72262	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60153	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.70	69	55173	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.34	63	91179	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.54	46	138524	49.99	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.98%
24) Chloroform-d	5.14	84	118626	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	6.03	65	59783	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	6.04	84	245703	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	7.37	67	73850	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	8.70	98	208559	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	8.99	79	24557	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	9.43	63	120506	50.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.22%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	52223	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
66) 1,2-Dichlorobenzene-d4	12.36	152	74103	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	4677	0.271 ug/L	99
3) Chloromethane	1.31	50	4468	0.297 ug/L	95
5) Vinyl chloride	1.39	62	4636	0.284 ug/L	86
6) Bromomethane	1.64	94	2679	0.304 ug/L	96
8) Chloroethane	1.72	64	2964	0.306 ug/L	92
9) Trichlorofluoromethane	1.92	101	5593	0.267 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	3931	0.327 ug/L	86
12) 1,1-Dichloroethene	2.36	96	3619	0.309 ug/L #	1
13) Acetone	2.43	43	4910	3.059 ug/L	96
14) Carbon disulfide	2.55	76	11734	0.295 ug/L	97
15) Methyl Acetate	2.75	43	1457	0.322 ug/L	100
16) Methylene chloride	2.83	84	4760	0.327 ug/L	91
17) Methyl tert-butyl Ether	3.17	73	6704	0.251 ug/L	94
18) trans-1,2-Dichloroethene	3.14	96	3653	0.280 ug/L	93
19) 1,1-Dichloroethane	3.67	63	6147	0.265 ug/L	93
21) 2-Butanone	4.65	43	7847	2.865 ug/L	98
22) cis-1,2-Dichloroethene	4.56	96	3683	0.270 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	1784	0.295	ug/L	86
25) Chloroform	5.17	83	9096	0.373	ug/L	94
27) 1,2-Dichloroethane	6.16	62	3991	0.285	ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	5511	0.268	ug/L	99
30) Cyclohexane	5.55	56	5007	0.258	ug/L	98
31) Carbon tetrachloride	5.74	117	4515	0.256	ug/L	95
33) Benzene	6.12	78	14168	0.268	ug/L	100
34) Trichloroethene	7.19	95	3788	0.276	ug/L	86
35) Methylcyclohexane	7.44	83	5108	0.247	ug/L	99
37) 1,2-Dichloropropane	7.49	63	3380	0.259	ug/L	98
38) Bromodichloromethane	7.87	83	4073	0.255	ug/L	92
39) cis-1,3-Dichloropropene	8.42	75	4163	0.235	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	14991	2.345	ug/L #	85
42) Toluene	8.76	91	14542	0.264	ug/L	92
44) trans-1,3-Dichloropropene	9.02	75	4759	0.320	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	2449	0.266	ug/L	95
47) Tetrachloroethene	9.32	164	3156	0.284	ug/L	95
48) 2-Hexanone	9.47	43	12551	2.847	ug/L	99
49) Dibromochloromethane	9.56	129	2587	0.258	ug/L #	73
50) 1,2-Dibromoethane	9.65	107	2268	0.274	ug/L #	95
51) Chlorobenzene	10.12	112	9437	0.273	ug/L	96
52) Ethylbenzene	10.23	91	14443	0.252	ug/L	98
53) m,p-xylene	10.34	106	5167	0.237	ug/L	98
54) o-xylene	10.68	106	4804	0.231	ug/L	99
55) Styrene	10.70	104	7495	0.215	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	2930	0.285	ug/L #	99
59) Bromoform	10.84	173	1407	0.282	ug/L	98
60) Isopropylbenzene	11.00	105	12179	0.243	ug/L	98
61) 1,2,3-Trichloropropane	11.27	75	2073	0.297	ug/L	98
62) 1,3,5-Trimethylbenzene	11.49	105	9129	0.226	ug/L	97
63) 1,2,4-Trimethylbenzene	11.79	105	8871	0.220	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	6849	0.283	ug/L	93
65) 1,4-Dichlorobenzene	12.08	146	7261	0.297	ug/L	93
67) 1,2-Dichlorobenzene	12.37	146	6760	0.300	ug/L	95
68) 1,2-Dibromo-3-chloropropan	12.98	75	411	0.275	ug/L #	67
69) 1,3,5-Trichlorobenzene	13.15	180	5114	0.278	ug/L	98
70) 1,2,4-trichlorobenzene	13.63	180	4450	0.304	ug/L	99
71) Naphthalene	13.82	128	5424	0.226	ug/L	97
72) 1,2,3-Trichlorobenzene	14.00	180	3918	0.289	ug/L	91

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

