

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031821\
 Data File : VX021279.D
 Acq On : 18 Mar 2021 14:27
 Operator : JC/MD
 Sample : M1344-01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT2-2021-03

Quant Time: Mar 19 01:25:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR031821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 18 11:53:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.823	114	56473	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	51781	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	24396	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	16905	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.693	69	13362	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.340	63	29493	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.523	46	46526	47.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.84%
24) Chloroform-d	5.135	84	36541	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	6.023	65	20772	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	6.041	84	68112	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	7.364	67	21387	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	8.694	98	64443	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloroprop...	8.994	79	9208	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	9.423	63	36975	48.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.38%
56) 1,1,2,2-Tetrachloroeth...	11.230	84	15623	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
66) 1,2-Dichlorobenzene-d4	12.359	152	23201	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.181	85	1280	0.19	ug/L	92
3) Chloromethane	1.311	50	2140	0.33	ug/L	91
5) Vinyl chloride	1.393	62	1225	0.24	ug/L #	82
6) Bromomethane	1.634	94	471	0.23	ug/L	97
8) Chloroethane	1.711	64	664	0.23	ug/L	96
9) Trichlorofluoromethane	1.917	101	1587	0.21	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.358	101	1077	0.25	ug/L	88
12) 1,1-Dichloroethene	2.346	96	1090	0.27	ug/L #	1
13) Acetone	2.417	43	1495	2.20	ug/L	98
14) Carbon disulfide	2.552	76	2999	0.23	ug/L	98
15) Methyl Acetate	2.746	43	528	0.28	ug/L #	75
16) Methylene chloride	2.828	84	3633	0.72	ug/L	83
17) Methyl tert-butyl Ether	3.170	73	2150	0.21	ug/L #	85
18) trans-1,2-Dichloroethene	3.134	96	988	0.23	ug/L	96
19) 1,1-Dichloroethane	3.658	63	1706	0.22	ug/L #	91
21) 2-Butanone	4.635	43	2655	2.38	ug/L	87
22) cis-1,2-Dichloroethene	4.558	96	1017	0.22	ug/L	86
23) Bromochloromethane	4.970	128	359	0.20	ug/L	91
25) Chloroform	5.170	83	2083	0.25	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.152	62	1265	0.22	ug/L #	73
29) 1,1,1-Trichloroethane	5.458	97	1564	0.21	ug/L	93
30) Cyclohexane	5.546	56	1672	0.22	ug/L #	90
31) Carbon tetrachloride	5.747	117	1399	0.21	ug/L	98
33) Benzene	6.105	78	3578	0.21	ug/L	100
34) Trichloroethene	7.188	95	998	0.21	ug/L	91
35) Methylcyclohexane	7.435	83	1521	0.20	ug/L	91
37) 1,2-Dichloropropane	7.488	63	905	0.21	ug/L #	85
38) Bromodichloromethane	7.870	83	1332	0.22	ug/L	91
39) cis-1,3-Dichloropropene	8.412	75	1256	0.19	ug/L	95
40) 4-Methyl-2-pentanone	8.617	43	5897	2.14	ug/L #	78
42) Toluene	8.765	91	3968	0.22	ug/L	96
44) trans-1,3-Dichloropropene	9.018	75	1691	0.30	ug/L	88
45) 1,1,2-Trichloroethane	9.188	97	632	0.22	ug/L #	84
47) Tetrachloroethene	9.312	164	842	0.24	ug/L	90
48) 2-Hexanone	9.471	43	4757	2.40	ug/L #	89
49) Dibromochloromethane	9.559	129	767	0.21	ug/L	85
50) 1,2-Dibromoethane	9.659	107	644	0.23	ug/L #	80
51) Chlorobenzene	10.124	112	2397	0.21	ug/L	95
52) Ethylbenzene	10.235	91	4155	0.20	ug/L	91
53) m,p-xylene	10.341	106	1484	0.19	ug/L	70
54) o-xylene	10.682	106	1507	0.21	ug/L	99
55) Styrene	10.694	104	2424	0.19	ug/L	85
57) 1,1,2,2-Tetrachloroethane	11.247	83	796	0.23	ug/L #	93
59) Bromoform	10.841	173	370	0.20	ug/L #	84
60) Isopropylbenzene	11.000	105	4119	0.22	ug/L	97
61) 1,2,3-Trichloropropane	11.283	75	629	0.24	ug/L	95
62) 1,3,5-Trimethylbenzene	11.488	105	3379	0.21	ug/L	96
63) 1,2,4-Trimethylbenzene	11.788	105	3363	0.21	ug/L	99
64) 1,3-Dichlorobenzene	12.006	146	1726	0.20	ug/L	93
65) 1,4-Dichlorobenzene	12.077	146	2050	0.24	ug/L	93
67) 1,2-Dichlorobenzene	12.377	146	1775	0.23	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.983	75	150	0.24	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.153	180	1454	0.23	ug/L	95
70) 1,2,4-trichlorobenzene	13.630	180	1099	0.20	ug/L	90
71) Naphthalene	13.818	128	2027	0.21	ug/L #	94
72) 1,2,3-Trichlorobenzene	14.001	180	1004	0.21	ug/L	99

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

