

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032021\
 Data File : VX021295.D
 Acq On : 19 Mar 2021 10:58
 Operator : JC/MD
 Sample : M1344-02
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT2-2021-04

Quant Time: Mar 20 00:00:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR031821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 19 23:59:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.823	114	57631	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	51881	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	23054	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	17111	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.693	69	14019	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.340	63	29491	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.517	46	49095	49.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.10%
24) Chloroform-d	5.129	84	37435	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	6.023	65	21621	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	6.041	84	70361	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	7.364	67	22203	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	8.694	98	65775	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloroprop...	8.988	79	9360	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	9.423	63	37938	49.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.70%
56) 1,1,2,2-Tetrachloroeth...	11.230	84	15841	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
66) 1,2-Dichlorobenzene-d4	12.359	152	22334	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.181	85	1527	0.23	ug/L	96
3) Chloromethane	1.311	50	4782	0.72	ug/L	98
5) Vinyl chloride	1.393	62	1250	0.24	ug/L #	78
6) Bromomethane	1.634	94	758	0.36	ug/L	92
8) Chloroethane	1.711	64	744	0.25	ug/L	96
9) Trichlorofluoromethane	1.911	101	1771	0.23	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.358	101	1207	0.27	ug/L	90
12) 1,1-Dichloroethene	2.352	96	1182	0.29	ug/L #	1
13) Acetone	2.417	43	1941	2.80	ug/L	88
14) Carbon disulfide	2.546	76	3181	0.23	ug/L	99
15) Methyl Acetate	2.746	43	608	0.32	ug/L #	55
16) Methylene chloride	2.834	84	3611	0.70	ug/L	91
17) Methyl tert-butyl Ether	3.158	73	2416	0.23	ug/L #	83
18) trans-1,2-Dichloroethene	3.128	96	1063	0.25	ug/L #	66
19) 1,1-Dichloroethane	3.664	63	1921	0.24	ug/L	94
21) 2-Butanone	4.629	43	2954	2.60	ug/L	82
22) cis-1,2-Dichloroethene	4.558	96	1079	0.23	ug/L	70
23) Bromochloromethane	4.976	128	445	0.24	ug/L	82
25) Chloroform	5.164	83	2287	0.27	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.152	62	1425	0.25	ug/L #	73
29) 1,1,1-Trichloroethane	5.452	97	1671	0.22	ug/L #	88
30) Cyclohexane	5.529	56	1861	0.24	ug/L	91
31) Carbon tetrachloride	5.735	117	1551	0.23	ug/L	98
33) Benzene	6.099	78	4004	0.23	ug/L	100
34) Trichloroethene	7.176	95	1129	0.24	ug/L	92
35) Methylcyclohexane	7.429	83	1703	0.23	ug/L	89
37) 1,2-Dichloropropane	7.482	63	1008	0.23	ug/L #	85
38) Bromodichloromethane	7.870	83	1396	0.23	ug/L #	96
39) cis-1,3-Dichloropropene	8.412	75	1524	0.23	ug/L	97
40) 4-Methyl-2-pentanone	8.617	43	6359	2.31	ug/L #	78
42) Toluene	8.759	91	4255	0.23	ug/L	99
44) trans-1,3-Dichloropropene	9.017	75	1731	0.31	ug/L #	80
45) 1,1,2-Trichloroethane	9.188	97	718	0.25	ug/L	93
47) Tetrachloroethene	9.312	164	799	0.23	ug/L	89
48) 2-Hexanone	9.470	43	4932	2.48	ug/L #	88
49) Dibromochloromethane	9.559	129	886	0.24	ug/L	98
50) 1,2-Dibromoethane	9.653	107	624	0.22	ug/L #	89
51) Chlorobenzene	10.118	112	2623	0.23	ug/L	94
52) Ethylbenzene	10.235	91	4738	0.23	ug/L	98
53) m,p-xylene	10.341	106	1672	0.22	ug/L	91
54) o-xylene	10.682	106	1509	0.21	ug/L	93
55) Styrene	10.694	104	2583	0.21	ug/L #	71
57) 1,1,2,2-Tetrachloroethane	11.247	83	907	0.26	ug/L #	98
59) Bromoform	10.841	173	424	0.24	ug/L #	93
60) Isopropylbenzene	11.000	105	4295	0.24	ug/L	97
61) 1,2,3-Trichloropropane	11.277	75	691	0.28	ug/L	97
62) 1,3,5-Trimethylbenzene	11.488	105	3395	0.22	ug/L	97
63) 1,2,4-Trimethylbenzene	11.788	105	3523	0.23	ug/L	100
64) 1,3-Dichlorobenzene	12.006	146	1988	0.25	ug/L	90
65) 1,4-Dichlorobenzene	12.083	146	1995	0.25	ug/L	97
67) 1,2-Dichlorobenzene	12.377	146	1860	0.26	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.983	75	209	0.35	ug/L #	59
69) 1,3,5-Trichlorobenzene	13.153	180	1295	0.22	ug/L #	89
70) 1,2,4-trichlorobenzene	13.630	180	1133	0.22	ug/L	92
71) Naphthalene	13.818	128	2144	0.23	ug/L	98
72) 1,2,3-Trichlorobenzene	14.000	180	1124	0.25	ug/L	95

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

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