

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021442.D
 Acq On : 24 Mar 2021 17:36
 Operator : JC/MD
 Sample : M1458-07 .75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 9:50:13 AM

Quant Time: Mar 25 03:25:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 03:23:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.635	168	77607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	132316	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	119487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	52015	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	65399	50.65	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.30%			
35) Dibromofluoromethane	5.464	113	45012	47.89	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.78%			
50) Toluene-d8	8.700	98	157624	47.06	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.12%			
62) 4-Bromofluorobenzene	11.118	95	57078	43.83	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	601	0.70	ug/l	80
3) Chloromethane	1.316	50	2650	2.43	ug/l	100
4) Vinyl Chloride	1.393	62	605	0.69	ug/l	97
5) Bromomethane	1.628	94	540	1.54	ug/l	98
6) Chloroethane	1.711	64	403	0.73	ug/l #	61
7) Trichlorofluoromethane	1.917	101	1070	0.75	ug/l	90
8) Diethyl Ether	2.170	74	357	0.72	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.364	101	513	0.64	ug/l	86
10) Methyl Iodide	2.493	142	447	0.80	ug/l #	77
11) Tert butyl alcohol	3.017	59	925	4.33	ug/l #	73
12) 1,1-Dichloroethene	2.358	96	539	0.69	ug/l	81
13) Acrolein	2.275	56	622	5.24	ug/l #	72
14) Allyl chloride	2.705	41	1134	0.71	ug/l #	83
15) Acrylonitrile	3.117	53	1859	3.66	ug/l	96
16) Acetone	2.428	43	2218	4.54	ug/l #	86
17) Carbon Disulfide	2.546	76	1545	0.70	ug/l	97
18) Methyl Acetate	2.746	43	1201	0.85	ug/l #	84
19) Methyl tert-butyl Ether	3.170	73	2075	0.71	ug/l	98
20) Methylene Chloride	2.840	84	918	0.96	ug/l #	87
21) trans-1,2-Dichloroethene	3.146	96	702	0.82	ug/l	92
22) Diisopropyl ether	3.834	45	2104	0.68	ug/l #	95
23) Vinyl Acetate	3.793	43	8134	3.12	ug/l #	90
24) 1,1-Dichloroethane	3.670	63	1200	0.72	ug/l #	81
25) 2-Butanone	4.640	43	2716	3.67	ug/l #	89
26) 2,2-Dichloropropane	4.552	77	857	0.59	ug/l	85
27) cis-1,2-Dichloroethene	4.570	96	708	0.71	ug/l	85
28) Bromochloromethane	4.993	49	550	0.66	ug/l #	71
29) Tetrahydrofuran	5.093	42	1800m	3.75	ug/l	
30) Chloroform	5.176	83	1297	0.74	ug/l	92
31) Cyclohexane	5.552	56	1060	0.75	ug/l #	85
32) 1,1,1-Trichloroethane	5.470	97	981	0.63	ug/l #	46
36) 1,1-Dichloropropene	5.782	75	964	0.74	ug/l #	76
37) Ethyl Acetate	4.799	43	1319	0.88	ug/l #	64
38) Carbon Tetrachloride	5.758	117	932	0.67	ug/l #	66
39) Methylcyclohexane	7.441	83	1009	0.70	ug/l #	83
40) Benzene	6.111	78	2489	0.68	ug/l #	80

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.011	41	633	0.73	ug/l #	71
42) 1,2-Dichloroethane	6.170	62	1252	0.78	ug/l #	73
43) Isopropyl Acetate	6.411	43	1605	0.66	ug/l #	86
44) Trichloroethene	7.194	130	766	0.79	ug/l	91
45) 1,2-Dichloropropane	7.500	63	707	0.71	ug/l	92
46) Dibromomethane	7.635	93	442	0.61	ug/l	96
47) Bromodichloromethane	7.876	83	970	0.66	ug/l #	80
48) Methyl methacrylate	7.753	41	1003	0.77	ug/l #	74
49) 1,4-Dioxane	7.723	88	310	13.34	ug/l #	63
51) 4-Methyl-2-Pentanone	8.623	43	4621	3.09	ug/l	89
52) Toluene	8.765	92	1507	0.66	ug/l	100
53) t-1,3-Dichloropropene	9.023	75	908	0.61	ug/l	89
54) cis-1,3-Dichloropropene	8.417	75	989	0.62	ug/l #	80
55) 1,1,2-Trichloroethane	9.200	97	700	0.73	ug/l #	84
56) Ethyl methacrylate	9.159	69	856	0.59	ug/l #	47
57) 1,3-Dichloropropane	9.353	76	997	0.61	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.294	63	2166	2.67	ug/l	99
59) 2-Hexanone	9.470	43	3539	3.15	ug/l	83
60) Dibromochloromethane	9.559	129	646	0.60	ug/l	96
61) 1,2-Dibromoethane	9.659	107	650	0.63	ug/l	95
64) Tetrachloroethene	9.318	164	663	0.83	ug/l	97
65) Chlorobenzene	10.124	112	1575	0.66	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.200	131	581	0.63	ug/l #	67
67) Ethyl Benzene	10.235	91	2719	0.62	ug/l	94
68) m/p-Xylenes	10.341	106	1891	1.21	ug/l	88
69) o-Xylene	10.682	106	916	0.61	ug/l	87
70) Styrene	10.694	104	1505	0.58	ug/l	91
71) Bromoform	10.841	173	442	0.59	ug/l #	98
73) Isopropylbenzene	11.000	105	2480	0.68	ug/l	99
74) N-amyl acetate	10.882	43	1259	0.71	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	852	0.66	ug/l #	93
76) 1,2,3-Trichloropropane	11.277	75	990m	0.82	ug/l	
77) Bromobenzene	11.235	156	680	0.75	ug/l	87
78) n-propylbenzene	11.341	91	2816	0.65	ug/l	98
79) 2-Chlorotoluene	11.406	91	1982	0.76	ug/l	94
80) 1,3,5-Trimethylbenzene	11.488	105	2054	0.66	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	250m	0.63	ug/l	
82) 4-Chlorotoluene	11.494	91	2071	0.67	ug/l	97
83) tert-Butylbenzene	11.753	119	1872	0.62	ug/l	84
84) 1,2,4-Trimethylbenzene	11.794	105	2025	0.64	ug/l	98
85) sec-Butylbenzene	11.930	105	2273	0.65	ug/l	99
86) p-Isopropyltoluene	12.047	119	1917	0.60	ug/l #	83
87) 1,3-Dichlorobenzene	12.012	146	1189	0.73	ug/l	96
88) 1,4-Dichlorobenzene	12.077	146	1272m	0.75	ug/l	
89) n-Butylbenzene	12.371	91	1756	0.60	ug/l	96
90) Hexachloroethane	12.577	117	350	0.61	ug/l	97
91) 1,2-Dichlorobenzene	12.377	146	1038	0.65	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.989	75	218	0.73	ug/l	71
93) 1,2,4-Trichlorobenzene	13.630	180	669	0.64	ug/l	92
94) Hexachlorobutadiene	13.765	225	285	0.61	ug/l	89
95) Naphthalene	13.818	128	2042	0.60	ug/l	97
96) 1,2,3-Trichlorobenzene	14.000	180	600	0.58	ug/l	89

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

