

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021443.D
 Acq On : 24 Mar 2021 17:59
 Operator : JC/MD
 Sample : M1458-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 9:50:19 AM

Quant Time: Mar 25 03:25:58 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	5.629	168	73167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	125936	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	110651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	50584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	62521	51.36	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.72%			
35) Dibromofluoromethane	5.464	113	43306	48.41	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.82%			
50) Toluene-d8	8.694	98	149954	47.04	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.08%			
62) 4-Bromofluorobenzene	11.118	95	55240	44.57	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.14%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	1983	2.47	ug/l	96
3) Chloromethane	1.311	50	4126	4.02	ug/l	93
4) Vinyl Chloride	1.393	62	2174	2.64	ug/l	93
5) Bromomethane	1.623	94	1254	3.79	ug/l	98
6) Chloroethane	1.705	64	1365	2.62	ug/l #	76
7) Trichlorofluoromethane	1.911	101	3526	2.64	ug/l	93
8) Diethyl Ether	2.170	74	1278	2.75	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.364	101	1894	2.51	ug/l	93
10) Methyl Iodide	2.488	142	1184	2.24	ug/l #	85
11) Tert butyl alcohol	3.017	59	2708	13.46	ug/l	98
12) 1,1-Dichloroethene	2.352	96	1856	2.52	ug/l #	90
13) Acrolein	2.276	56	1775	15.85	ug/l #	80
14) Allyl chloride	2.705	41	3511	2.35	ug/l #	81
15) Acrylonitrile	3.117	53	5952	12.44	ug/l	97
16) Acetone	2.423	43	6117	13.29	ug/l	88
17) Carbon Disulfide	2.546	76	4805	2.32	ug/l	95
18) Methyl Acetate	2.752	43	3239	2.44	ug/l #	85
19) Methyl tert-butyl Ether	3.170	73	6788	2.47	ug/l	97
20) Methylene Chloride	2.835	84	2371	2.64	ug/l #	84
21) trans-1,2-Dichloroethene	3.141	96	2095	2.59	ug/l	89
22) Diisopropyl ether	3.829	45	7247	2.49	ug/l	96
23) Vinyl Acetate	3.788	43	30270	12.31	ug/l	98
24) 1,1-Dichloroethane	3.670	63	3912	2.50	ug/l	98
25) 2-Butanone	4.641	43	8867	12.71	ug/l #	83
26) 2,2-Dichloropropane	4.558	77	3021	2.22	ug/l	97
27) cis-1,2-Dichloroethene	4.570	96	2391	2.54	ug/l	92
28) Bromochloromethane	4.982	49	2235	2.85	ug/l #	77
29) Tetrahydrofuran	5.100	42	5786	12.79	ug/l #	82
30) Chloroform	5.182	83	4186	2.53	ug/l	93
31) Cyclohexane	5.547	56	3458	2.58	ug/l	91
32) 1,1,1-Trichloroethane	5.458	97	3636	2.48	ug/l #	93
36) 1,1-Dichloropropene	5.770	75	2804	2.27	ug/l	97
37) Ethyl Acetate	4.800	43	3711	2.60	ug/l #	85
38) Carbon Tetrachloride	5.759	117	3050	2.30	ug/l	86
39) Methylcyclohexane	7.441	83	3100	2.27	ug/l	96
40) Benzene	6.106	78	8398	2.40	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	2231	2.70	ug/l #	82
42) 1,2-Dichloroethane	6.159	62	4007	2.64	ug/l	94
43) Isopropyl Acetate	6.417	43	5632	2.43	ug/l #	91
44) Trichloroethene	7.188	130	2180	2.36	ug/l	93
45) 1,2-Dichloropropane	7.488	63	2336	2.46	ug/l	93
46) Dibromomethane	7.635	93	1649	2.38	ug/l	90
47) Bromodichloromethane	7.876	83	3227	2.29	ug/l #	98
48) Methyl methacrylate	7.741	41	2951	2.39	ug/l #	81
49) 1,4-Dioxane	7.718	88	974	44.02	ug/l #	70
51) 4-Methyl-2-Pentanone	8.624	43	16463	11.55	ug/l	89
52) Toluene	8.765	92	5092	2.35	ug/l	99
53) t-1,3-Dichloropropene	9.024	75	2910	2.05	ug/l	95
54) cis-1,3-Dichloropropene	8.418	75	3281	2.17	ug/l #	77
55) 1,1,2-Trichloroethane	9.194	97	2199	2.41	ug/l	96
56) Ethyl methacrylate	9.159	69	3126	2.27	ug/l #	66
57) 1,3-Dichloropropane	9.353	76	3693	2.36	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.294	63	8124	10.52	ug/l	97
59) 2-Hexanone	9.471	43	12138	11.34	ug/l	84
60) Dibromochloromethane	9.565	129	2244	2.19	ug/l	100
61) 1,2-Dibromoethane	9.653	107	2266	2.31	ug/l	97
64) Tetrachloroethene	9.318	164	1849	2.49	ug/l	92
65) Chlorobenzene	10.118	112	5543	2.49	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	2077	2.44	ug/l	98
67) Ethyl Benzene	10.236	91	9316	2.30	ug/l	98
68) m/p-Xylenes	10.341	106	6629	4.59	ug/l	91
69) o-Xylene	10.683	106	3197	2.29	ug/l	90
70) Styrene	10.694	104	5426	2.26	ug/l	95
71) Bromoform	10.836	173	1500	2.17	ug/l #	94
73) Isopropylbenzene	11.000	105	8718	2.45	ug/l	96
74) N-amyl acetate	10.883	43	4087	2.38	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.253	83	3147	2.51	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	3059m	2.60	ug/l	
77) Bromobenzene	11.236	156	2155	2.45	ug/l	90
78) n-propylbenzene	11.342	91	9956	2.37	ug/l	96
79) 2-Chlorotoluene	11.406	91	6373	2.50	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	7172	2.36	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.059	75	753m	1.95	ug/l	
82) 4-Chlorotoluene	11.495	91	7135	2.36	ug/l	98
83) tert-Butylbenzene	11.753	119	6889	2.33	ug/l	91
84) 1,2,4-Trimethylbenzene	11.789	105	7150	2.34	ug/l	99
85) sec-Butylbenzene	11.930	105	7981	2.34	ug/l	100
86) p-Isopropyltoluene	12.048	119	7082	2.28	ug/l	93
87) 1,3-Dichlorobenzene	12.012	146	3697	2.33	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	4083	2.49	ug/l	82
89) n-Butylbenzene	12.371	91	6109	2.15	ug/l	94
90) Hexachloroethane	12.577	117	1231	2.20	ug/l	83
91) 1,2-Dichlorobenzene	12.377	146	3861	2.50	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.983	75	736	2.54	ug/l	72
93) 1,2,4-Trichlorobenzene	13.630	180	2125	2.10	ug/l	96
94) Hexachlorobutadiene	13.760	225	1015	2.22	ug/l	93
95) Naphthalene	13.813	128	6984	2.12	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	2130	2.11	ug/l	96

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

