

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
 Data File : VX023237.D
 Acq On : 12 Jul 2021 13:15
 Operator : JC/MD
 Sample : M2940-09 .75PPB MDL
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2021DL

Manual Integrations
 APPROVED

MMDadoda
 7/13/2021 6:53:53 PM

Quant Time: Jul 13 03:05:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 13 03:05:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	266524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	429720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	378647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	179165	50.017	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.040%	
35) Dibromofluoromethane	5.397	113	134787	48.573	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.140%	
50) Toluene-d8	8.653	98	490203	47.357	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.720%	
62) 4-Bromofluorobenzene	11.085	95	180957	45.283	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	1380	0.571	ug/l	96
3) Chloromethane	1.295	50	1772	0.742	ug/l	92
4) Vinyl Chloride	1.374	62	1595	0.630	ug/l	94
5) Bromomethane	1.605	94	1421	1.004	ug/l #	74
6) Chloroethane	1.691	64	969	0.585	ug/l	90
7) Trichlorofluoromethane	1.886	101	2841	0.646	ug/l	93
8) Diethyl Ether	2.142	74	1203	0.741	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	2087	0.811	ug/l	99
10) Methyl Iodide	2.459	142	2033	0.643	ug/l	96
11) Tert butyl alcohol	2.965	59	4551	6.039	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	1775	0.747	ug/l	91
13) Acrolein	2.240	56	1691	3.370	ug/l	90
14) Allyl chloride	2.666	41	3214	0.778	ug/l #	84
15) Acrylonitrile	3.081	53	4691	3.201	ug/l	97
16) Acetone	2.392	43	5443	3.841	ug/l #	77
17) Carbon Disulfide	2.514	76	3362	0.671	ug/l #	89
18) Methyl Acetate	2.715	43	2744	0.798	ug/l #	89
19) Methyl tert-butyl Ether	3.123	73	6032	0.679	ug/l	94
20) Methylene Chloride	2.794	84	3969	1.301	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	1655	0.645	ug/l #	86
22) Diisopropyl ether	3.776	45	5532	0.636	ug/l	90
23) Vinyl Acetate	3.739	43	21553	2.926	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	3166	0.644	ug/l #	89
25) 2-Butanone	4.581	43	7480	3.500	ug/l	91
26) 2,2-Dichloropropane	4.477	77	2852	0.691	ug/l	89
27) cis-1,2-Dichloroethene	4.495	96	2060	0.663	ug/l	91
28) Bromochloromethane	4.910	49	1608	0.689	ug/l #	95
29) Tetrahydrofuran	5.038	42	4388	3.194	ug/l	93
30) Chloroform	5.099	83	3902	0.735	ug/l #	76
31) Cyclohexane	5.483	56	2696	0.629	ug/l	87
32) 1,1,1-Trichloroethane	5.391	97	3209	0.694	ug/l #	49
36) 1,1-Dichloropropene	5.708	75	2436	0.636	ug/l	97
37) Ethyl Acetate	4.733	43	2468	0.591	ug/l #	91
38) Carbon Tetrachloride	5.696	117	2956	0.739	ug/l #	80
39) Methylcyclohexane	7.385	83	2935	0.655	ug/l	90
40) Benzene	6.044	78	7235	0.651	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	1601	0.685	ug/l #	78
42) 1,2-Dichloroethane	6.099	62	3265	0.731	ug/l	85
43) Isopropyl Acetate	6.355	43	4611	0.663	ug/l	92
44) Trichloroethene	7.129	130	3145	0.997	ug/l	82
45) 1,2-Dichloropropane	7.440	63	1980	0.682	ug/l #	77
46) Dibromomethane	7.592	93	1283	0.619	ug/l	97
47) Bromodichloromethane	7.824	83	2308	0.610	ug/l #	94
48) Methyl methacrylate	7.708	41	2053	0.602	ug/l #	90
49) 1,4-Dioxane	7.678	88	1063	13.848	ug/l #	83
51) 4-Methyl-2-Pentanone	8.580	43	12559	2.916	ug/l	94
52) Toluene	8.720	92	4502	0.625	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	2335	0.565	ug/l	96
54) cis-1,3-Dichloropropene	8.373	75	2638	0.601	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	1888	0.625	ug/l	90
56) Ethyl methacrylate	9.122	69	2858	0.612	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	3019	0.604	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.251	63	6709	2.937	ug/l	99
59) 2-Hexanone	9.439	43	9468	2.865	ug/l	83
60) Dibromochloromethane	9.525	129	1696	0.584	ug/l	93
61) 1,2-Dibromoethane	9.616	107	1858	0.599	ug/l	96
64) Tetrachloroethene	9.275	164	2112	0.699	ug/l	91
65) Chlorobenzene	10.086	112	5034	0.673	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	1737	0.642	ug/l #	64
67) Ethyl Benzene	10.195	91	8620	0.651	ug/l	92
68) m/p-Xylenes	10.305	106	5690	1.126	ug/l	84
69) o-Xylene	10.647	106	3066	0.602	ug/l	92
70) Styrene	10.659	104	4433	0.533	ug/l	92
71) Bromoform	10.805	173	1206	0.632	ug/l #	88
73) Isopropylbenzene	10.964	105	7862	0.662	ug/l	94
74) N-amyl acetate	10.842	43	3088	0.613	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.220	83	2486	0.659	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	2338m	0.689	ug/l	
77) Bromobenzene	11.201	156	1958	0.661	ug/l	98
78) n-propylbenzene	11.305	91	8744	0.637	ug/l	100
79) 2-Chlorotoluene	11.366	91	5776	0.681	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	6820	0.667	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	759m	0.687	ug/l	
82) 4-Chlorotoluene	11.457	91	6237	0.651	ug/l	95
83) tert-Butylbenzene	11.720	119	6585	0.679	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	6252	0.619	ug/l	99
85) sec-Butylbenzene	11.890	105	7474	0.599	ug/l	93
86) p-Isopropyltoluene	12.012	119	6033	0.576	ug/l	85
87) 1,3-Dichlorobenzene	11.969	146	3730	0.670	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	3723m	0.664	ug/l	
89) n-Butylbenzene	12.335	91	4717	0.514	ug/l	98
90) Hexachloroethane	12.543	117	999	0.651	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	3547	0.641	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	586	0.730	ug/l	68
93) 1,2,4-Trichlorobenzene	13.591	180	1864	0.546	ug/l	94
94) Hexachlorobutadiene	13.725	225	961	0.665	ug/l	96
95) Naphthalene	13.780	128	6216	0.548	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	1953	0.569	ug/l	98

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

