

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111821\
 Data File : VX025206.D
 Acq On : 18 Nov 2021 12:02
 Operator : JC/MD
 Sample : M4068-09 .75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Quant Time: Nov 19 09:54:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 19 09:51:46 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Mahesh Dadoda 11/26/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	105322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	165108	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62236	56.060	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.120%			
35) Dibromofluoromethane	5.391	113	56006	55.285	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.560%			
50) Toluene-d8	8.653	98	202172	53.078	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.160%			
62) 4-Bromofluorobenzene	11.085	95	72223	50.122	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	575	0.630	ug/l	90
3) Chloromethane	1.294	50	891	0.788	ug/l #	87
4) Vinyl Chloride	1.374	62	902	0.727	ug/l #	86
5) Bromomethane	1.605	94	1194	2.238	ug/l #	79
6) Chloroethane	1.685	64	716	0.836	ug/l #	81
7) Trichlorofluoromethane	1.886	101	1448	0.786	ug/l	98
8) Diethyl Ether	2.136	74	609	0.801	ug/l #	38
9) 1,1,2-Trichlorotrifluo...	2.325	101	739	0.754	ug/l	95
10) Methyl Iodide	2.453	142	934	0.762	ug/l #	89
11) Tert butyl alcohol	2.947	59	2544	8.508	ug/l #	88
12) 1,1-Dichloroethene	2.313	96	715	0.732	ug/l #	75
13) Acrolein	2.233	56	333	6.548	ug/l #	1
14) Allyl chloride	2.666	41	1558	0.882	ug/l	91
15) Acrylonitrile	3.068	53	2357	3.956	ug/l	94
16) Acetone	2.386	43	3189	5.170	ug/l	97
17) Carbon Disulfide	2.514	76	2136	0.778	ug/l #	85
18) Methyl Acetate	2.709	43	1668	0.846	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	2754	0.810	ug/l	98
20) Methylene Chloride	2.794	84	1069	0.922	ug/l	86
21) trans-1,2-Dichloroethene	3.087	96	879	0.822	ug/l #	77
22) Diisopropyl ether	3.770	45	2588	0.769	ug/l #	86
23) Vinyl Acetate	3.727	43	10117	3.744	ug/l	95
24) 1,1-Dichloroethane	3.617	63	1472	0.801	ug/l #	83
25) 2-Butanone	4.574	43	3893	4.365	ug/l #	88
26) 2,2-Dichloropropane	4.483	77	1280	0.768	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	938	0.751	ug/l #	4
28) Bromochloromethane	4.904	49	657	0.766	ug/l #	98
29) Tetrahydrofuran	5.019	42	2260	4.093	ug/l	97
30) Chloroform	5.111	83	1577	0.824	ug/l #	76
31) Cyclohexane	5.464	56	1426	0.831	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	1373	0.784	ug/l #	51
36) 1,1-Dichloropropene	5.690	75	1100	0.764	ug/l	96
37) Ethyl Acetate	4.721	43	1617	0.987	ug/l #	77
38) Carbon Tetrachloride	5.678	117	1161	0.732	ug/l #	95
39) Methylcyclohexane	7.379	83	1292	0.699	ug/l	90
40) Benzene	6.044	78	3346	0.767	ug/l	99

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41) Methacrylonitrile	4.934	41	870	0.956	ug/l #	75
42) 1,2-Dichloroethane	6.092	62	1166	0.821	ug/l	93
43) Isopropyl Acetate	6.348	43	2279	0.836	ug/l #	94
44) Trichloroethene	7.129	130	977	0.771	ug/l	78
45) 1,2-Dichloropropane	7.440	63	866	0.808	ug/l	95
46) Dibromomethane	7.592	93	605	0.778	ug/l	92
47) Bromodichloromethane	7.824	83	1129	0.738	ug/l #	96
48) Methyl methacrylate	7.696	41	1011	0.790	ug/l	96
49) 1,4-Dioxane	7.665	88	372	13.761	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	6302	3.685	ug/l	97
52) Toluene	8.720	92	2196	0.771	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	1366	0.803	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	1350	0.732	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	939	0.829	ug/l	94
56) Ethyl methacrylate	9.122	69	1432	0.779	ug/l	98
57) 1,3-Dichloropropane	9.311	76	1495	0.797	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	3914	4.578	ug/l	96
59) 2-Hexanone	9.433	43	4819	3.574	ug/l	95
60) Dibromochloromethane	9.525	129	939	0.721	ug/l	94
61) 1,2-Dibromoethane	9.610	107	902	0.736	ug/l	92
64) Tetrachloroethene	9.275	164	1003	0.819	ug/l	86
65) Chlorobenzene	10.079	112	2422	0.800	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	781	0.673	ug/l #	55
67) Ethyl Benzene	10.195	91	3778	0.722	ug/l	93
68) m/p-Xylenes	10.305	106	3121	1.461	ug/l	96
69) o-Xylene	10.640	106	1513	0.723	ug/l	99
70) Styrene	10.659	104	2353	0.681	ug/l	99
71) Bromoform	10.799	173	670	0.665	ug/l #	91
73) Isopropylbenzene	10.963	105	3816	0.767	ug/l	98
74) N-amyl acetate	10.848	43	1662	0.772	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	1197	0.744	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	1257m	0.879	ug/l	
77) Bromobenzene	11.201	156	1016	0.794	ug/l	94
78) n-propylbenzene	11.305	91	4156	0.744	ug/l	100
79) 2-Chlorotoluene	11.366	91	2786	0.819	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	3187	0.762	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	347m	0.611	ug/l	
82) 4-Chlorotoluene	11.457	91	2923	0.753	ug/l	97
83) tert-Butylbenzene	11.719	119	3379	0.795	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	3065	0.741	ug/l	94
85) sec-Butylbenzene	11.896	105	3670	0.710	ug/l	99
86) p-Isopropyltoluene	12.012	119	3138	0.707	ug/l	92
87) 1,3-Dichlorobenzene	11.975	146	1839	0.772	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	1910m	0.791	ug/l	
89) n-Butylbenzene	12.335	91	2464	0.658	ug/l	94
90) Hexachloroethane	12.542	117	578	0.706	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	1920	0.827	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.951	75	239	0.711	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	822	0.602	ug/l	91
94) Hexachlorobutadiene	13.725	225	438	0.668	ug/l	82
95) Naphthalene	13.780	128	1841	0.433	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	758	0.567	ug/l	99

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

