

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025196.D
 Acq On : 17 Nov 2021 18:58
 Operator : JC/MD
 Sample : M4068-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Quant Time: Nov 18 07:01:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 06:58:13 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	114987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61523	50.760	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.520%			
35) Dibromofluoromethane	5.391	113	55457	50.404	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.800%			
50) Toluene-d8	8.653	98	202406	48.928	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.860%			
62) 4-Bromofluorobenzene	11.086	95	71720	45.828	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	853	0.856	ug/l	98
3) Chloromethane	1.295	50	1219	0.988	ug/l	95
4) Vinyl Chloride	1.368	62	1212	0.894	ug/l #	87
5) Bromomethane	1.599	94	1564	2.685	ug/l	95
6) Chloroethane	1.685	64	1071	1.146	ug/l	90
7) Trichlorofluoromethane	1.886	101	2094	1.041	ug/l	93
8) Diethyl Ether	2.130	74	905	1.090	ug/l	69
9) 1,1,2-Trichlorotrifluo...	2.331	101	1065	0.995	ug/l	97
10) Methyl Iodide	2.453	142	1126	0.842	ug/l #	87
11) Tert butyl alcohol	2.953	59	4025	12.329	ug/l #	80
12) 1,1-Dichloroethene	2.319	96	1085	1.018	ug/l #	75
13) Acrolein	2.240	56	436	7.852	ug/l #	46
14) Allyl chloride	2.666	41	1951	1.012	ug/l	98
15) Acrylonitrile	3.069	53	3124	4.803	ug/l	98
16) Acetone	2.380	43	3680	5.464	ug/l #	85
17) Carbon Disulfide	2.508	76	3038	1.013	ug/l	98
18) Methyl Acetate	2.715	43	2348	1.091	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	3657	0.985	ug/l	96
20) Methylene Chloride	2.788	84	1457	1.151	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	1252	1.072	ug/l	80
22) Diisopropyl ether	3.770	45	3616	0.984	ug/l #	90
23) Vinyl Acetate	3.727	43	13654	4.628	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	1982	0.988	ug/l #	83
25) 2-Butanone	4.568	43	4833	4.963	ug/l	96
26) 2,2-Dichloropropane	4.483	77	1814	0.997	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	1323	0.970	ug/l	91
28) Bromochloromethane	4.898	49	930	0.994	ug/l #	40
29) Tetrahydrofuran	5.020	42	2875	4.769	ug/l	97
30) Chloroform	5.087	83	2096	1.003	ug/l #	79
31) Cyclohexane	5.471	56	1873	1.000	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	1909	0.998	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	1472	0.941	ug/l #	77
37) Ethyl Acetate	4.727	43	2003	1.125	ug/l #	85
38) Carbon Tetrachloride	5.684	117	1707	0.991	ug/l	93
39) Methylcyclohexane	7.385	83	1822	0.908	ug/l	91
40) Benzene	6.050	78	4517	0.953	ug/l	99

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41) Methacrylonitrile	4.934	41	1050	1.063	ug/l #	92
42) 1,2-Dichloroethane	6.086	62	1665	1.080	ug/l	90
43) Isopropyl Acetate	6.349	43	3006	1.015	ug/l	95
44) Trichloroethene	7.123	130	1331	0.967	ug/l	82
45) 1,2-Dichloropropane	7.440	63	1137	0.977	ug/l #	71
46) Dibromomethane	7.586	93	834	0.987	ug/l	93
47) Bromodichloromethane	7.824	83	1592	0.959	ug/l	87
48) Methyl methacrylate	7.702	41	1380	0.993	ug/l	95
49) 1,4-Dioxane	7.665	88	619	21.084	ug/l #	81
51) 4-Methyl-2-Pentanone	8.580	43	8655	4.659	ug/l	97
52) Toluene	8.720	92	3030	0.979	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	1668	0.903	ug/l #	81
54) cis-1,3-Dichloropropene	8.366	75	1920	0.959	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	1152	0.937	ug/l #	90
56) Ethyl methacrylate	9.122	69	1743	0.873	ug/l	95
57) 1,3-Dichloropropane	9.311	76	1941	0.952	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	4424	4.765	ug/l	95
59) 2-Hexanone	9.433	43	6726	4.593	ug/l	98
60) Dibromochloromethane	9.525	129	1296	0.916	ug/l	94
61) 1,2-Dibromoethane	9.610	107	1236	0.928	ug/l	93
64) Tetrachloroethene	9.275	164	1354	1.008	ug/l	89
65) Chlorobenzene	10.080	112	3391	1.021	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	1188	0.933	ug/l #	64
67) Ethyl Benzene	10.195	91	5579	0.972	ug/l	99
68) m/p-Xylenes	10.305	106	4466	1.905	ug/l	93
69) o-Xylene	10.647	106	2087	0.910	ug/l	98
70) Styrene	10.659	104	3373	0.890	ug/l	94
71) Bromoform	10.799	173	965	0.873	ug/l #	94
73) Isopropylbenzene	10.964	105	5168	0.965	ug/l	95
74) N-amyl acetate	10.848	43	2135	0.922	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	1774	1.024	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	1541m	1.001	ug/l	
77) Bromobenzene	11.201	156	1450	1.053	ug/l	91
78) n-propylbenzene	11.305	91	5876	0.977	ug/l	98
79) 2-Chlorotoluene	11.366	91	3741	1.022	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	4522	1.005	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	510m	0.835	ug/l	
82) 4-Chlorotoluene	11.457	91	4178	1.000	ug/l	96
83) tert-Butylbenzene	11.720	119	4795	1.048	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	4376	0.984	ug/l	95
85) sec-Butylbenzene	11.890	105	5423	0.975	ug/l	95
86) p-Isopropyltoluene	12.012	119	4617	0.966	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	2535	0.989	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	2754m	1.060	ug/l	
89) n-Butylbenzene	12.335	91	3681	0.914	ug/l	98
90) Hexachloroethane	12.543	117	826	0.938	ug/l	92
91) 1,2-Dichlorobenzene	12.341	146	2575	1.031	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	422	1.166	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	1186	0.806	ug/l	99
94) Hexachlorobutadiene	13.725	225	763	1.081	ug/l	97
95) Naphthalene	13.780	128	3036	0.663	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1228	0.854	ug/l	91

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

