

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025194.D
 Acq On : 17 Nov 2021 18:11
 Operator : JC/MD
 Sample : M4068-07 .75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

Quant Time: Nov 18 07:00:26 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	115071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178428	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62533	51.555	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.120%			
35) Dibromofluoromethane	5.391	113	55996	51.148	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.300%			
50) Toluene-d8	8.653	98	207990	50.530	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.060%			
62) 4-Bromofluorobenzene	11.085	95	72888	46.807	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	632	0.634	ug/l	96
3) Chloromethane	1.294	50	1056	0.855	ug/l	90
4) Vinyl Chloride	1.373	62	999	0.737	ug/l	99
5) Bromomethane	1.605	94	1304	2.237	ug/l	91
6) Chloroethane	1.684	64	1073	1.147	ug/l	92
7) Trichlorofluoromethane	1.886	101	1566	0.778	ug/l	98
8) Diethyl Ether	2.129	74	695	0.837	ug/l #	46
9) 1,1,2-Trichlorotrifluo...	2.331	101	823	0.769	ug/l	95
10) Methyl Iodide	2.459	142	901	0.673	ug/l #	89
11) Tert butyl alcohol	2.952	59	3529	10.802	ug/l #	84
12) 1,1-Dichloroethene	2.318	96	771	0.723	ug/l	84
13) Acrolein	2.239	56	214	3.851	ug/l #	62
14) Allyl chloride	2.654	41	1818	0.942	ug/l #	86
15) Acrylonitrile	3.068	53	2607	4.005	ug/l	97
16) Acetone	2.379	43	3423	5.079	ug/l	98
17) Carbon Disulfide	2.514	76	2637	0.879	ug/l #	94
18) Methyl Acetate	2.709	43	1917	0.890	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	2812	0.757	ug/l	100
20) Methylene Chloride	2.794	84	1121	0.885	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	1027	0.879	ug/l #	72
22) Diisopropyl ether	3.763	45	2729	0.742	ug/l #	85
23) Vinyl Acetate	3.727	43	11039	3.739	ug/l	95
24) 1,1-Dichloroethane	3.611	63	1545	0.769	ug/l #	83
25) 2-Butanone	4.568	43	4028	4.134	ug/l	96
26) 2,2-Dichloropropane	4.477	77	1421	0.780	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	1099	0.805	ug/l	98
28) Bromochloromethane	4.909	49	610	0.651	ug/l #	89
29) Tetrahydrofuran	5.025	42	2515	4.168	ug/l	99
30) Chloroform	5.098	83	1615	0.773	ug/l	94
31) Cyclohexane	5.476	56	1484	0.792	ug/l #	81
32) 1,1,1-Trichloroethane	5.385	97	1606	0.839	ug/l #	47
36) 1,1-Dichloropropene	5.702	75	1269	0.815	ug/l	95
37) Ethyl Acetate	4.727	43	1624	0.917	ug/l #	75
38) Carbon Tetrachloride	5.678	117	1381	0.805	ug/l	86
39) Methylcyclohexane	7.391	83	1542	0.772	ug/l #	81
40) Benzene	6.049	78	3695	0.784	ug/l	100

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41) Methacrylonitrile	4.934	41	880	0.895	ug/l #	90
42) 1,2-Dichloroethane	6.098	62	1313	0.856	ug/l	95
43) Isopropyl Acetate	6.348	43	2454	0.833	ug/l	98
44) Trichloroethene	7.129	130	1087	0.793	ug/l	82
45) 1,2-Dichloropropane	7.439	63	854	0.737	ug/l	98
46) Dibromomethane	7.586	93	659	0.784	ug/l	94
47) Bromodichloromethane	7.830	83	1246	0.754	ug/l #	86
48) Methyl methacrylate	7.702	41	1139	0.823	ug/l	93
49) 1,4-Dioxane	7.665	88	414	14.172	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	7104	3.844	ug/l	98
52) Toluene	8.726	92	2507	0.814	ug/l	88
53) t-1,3-Dichloropropene	8.982	75	1289	0.702	ug/l	92
54) cis-1,3-Dichloropropene	8.372	75	1285	0.645	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	941	0.769	ug/l	91
56) Ethyl methacrylate	9.122	69	1376	0.693	ug/l	98
57) 1,3-Dichloropropane	9.311	76	1640	0.809	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	3129	3.387	ug/l	93
59) 2-Hexanone	9.433	43	5300	3.637	ug/l	98
60) Dibromochloromethane	9.524	129	969	0.688	ug/l	96
61) 1,2-Dibromoethane	9.616	107	1016	0.767	ug/l	97
64) Tetrachloroethene	9.274	164	1052	0.798	ug/l	88
65) Chlorobenzene	10.079	112	2566	0.787	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.158	131	916	0.733	ug/l #	62
67) Ethyl Benzene	10.195	91	4402	0.781	ug/l	91
68) m/p-Xylenes	10.305	106	3287	1.429	ug/l	98
69) o-Xylene	10.646	106	1693	0.752	ug/l	90
70) Styrene	10.658	104	2594	0.697	ug/l	94
71) Bromoform	10.805	173	687	0.633	ug/l #	97
73) Isopropylbenzene	10.963	105	4253	0.808	ug/l	99
74) N-amyl acetate	10.847	43	1837	0.807	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	1441	0.847	ug/l	90
76) 1,2,3-Trichloropropane	11.238	75	1358m	0.898	ug/l	
77) Bromobenzene	11.201	156	1122	0.829	ug/l	97
78) n-propylbenzene	11.305	91	4772	0.808	ug/l	97
79) 2-Chlorotoluene	11.366	91	3046	0.847	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	3413	0.772	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.018	75	397m	0.661	ug/l	
82) 4-Chlorotoluene	11.457	91	3420	0.833	ug/l	99
83) tert-Butylbenzene	11.719	119	3482	0.775	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	3347	0.766	ug/l	97
85) sec-Butylbenzene	11.890	105	4104	0.751	ug/l	96
86) p-Isopropyltoluene	12.012	119	3563	0.759	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	1963	0.779	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	2191m	0.858	ug/l	
89) n-Butylbenzene	12.335	91	2682	0.678	ug/l	93
90) Hexachloroethane	12.542	117	656	0.758	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	1893	0.771	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	298	0.838	ug/l	98
93) 1,2,4-Trichlorobenzene	13.597	180	917	0.635	ug/l	97
94) Hexachlorobutadiene	13.725	225	532	0.767	ug/l	96
95) Naphthalene	13.780	128	2201	0.489	ug/l	96
96) 1,2,3-Trichlorobenzene	13.969	180	879	0.622	ug/l	97

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

