

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101920\
 Data File : VX018965.D
 Acq On : 19 Oct 2020 21:01
 Operator : JC/SP
 Sample : L4214-07 .75PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:52:36 PM

Quant Time: Oct 20 10:12:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 10:01:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	87607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	161815	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	138727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	59371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	60732	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
35) Dibromofluoromethane	5.46	113	47832	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	8.70	98	187531	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
62) 4-Bromofluorobenzene	11.12	95	61915	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	482	0.612	ug/l	95
3) Chloromethane	1.32	50	634	0.739	ug/l	98
4) Vinyl Chloride	1.39	62	792	0.688	ug/l	90
5) Bromomethane	1.64	94	1006	1.049	ug/l	91
6) Chloroethane	1.71	64	624	0.752	ug/l	93
7) Trichlorofluoromethane	1.92	101	1312	0.676	ug/l	90
8) Diethyl Ether	2.17	74	527	0.685	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.36	101	748	0.700	ug/l	90
10) Methyl Iodide	2.50	142	490	0.487	ug/l #	90
11) Tert butyl alcohol	3.01	59	1134	4.351	ug/l #	80
12) 1,1-Dichloroethene	2.36	96	830	0.727	ug/l	88
13) Acrolein	2.27	56	601	3.503	ug/l #	62
14) Allyl chloride	2.70	41	1107	0.804	ug/l #	90
15) Acrylonitrile	3.12	53	1654	3.446	ug/l	98
16) Acetone	2.42	43	1574	3.202	ug/l	99
17) Carbon Disulfide	2.55	76	2167	0.836	ug/l	96
18) Methyl Acetate	2.75	43	925	0.850	ug/l #	77
19) Methyl tert-butyl Ether	3.17	73	1917	0.652	ug/l	99
20) Methylene Chloride	2.83	84	819	0.788	ug/l #	81
21) trans-1,2-Dichloroethene	3.14	96	770	0.737	ug/l	89
22) Diisopropyl ether	3.82	45	1716	0.674	ug/l #	83
23) Vinyl Acetate	3.78	43	7678	3.123	ug/l	98
24) 1,1-Dichloroethane	3.67	63	1189	0.681	ug/l #	89
25) 2-Butanone	4.64	43	2586	3.657	ug/l	93
26) 2,2-Dichloropropane	4.54	77	1021	0.625	ug/l #	67
27) cis-1,2-Dichloroethene	4.56	96	803	0.662	ug/l	96
28) Bromochloromethane	4.99	49	561	0.763	ug/l #	88
29) Tetrahydrofuran	5.10	42	1578	3.797	ug/l #	85
30) Chloroform	5.18	83	1276	0.676	ug/l	97
31) Cyclohexane	5.56	56	934	0.677	ug/l	88
32) 1,1,1-Trichloroethane	5.46	97	1106	0.649	ug/l #	48
36) 1,1-Dichloropropene	5.77	75	1089	0.708	ug/l	91
37) Ethyl Acetate	4.81	43	1144	0.753	ug/l #	74
38) Carbon Tetrachloride	5.76	117	1017	0.641	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1069	0.646	ug/l	93
40) Benzene	6.12	78	2687	0.607	ug/l	99
41) Methacrylonitrile	5.01	41	662	0.842	ug/l #	79
42) 1,2-Dichloroethane	6.16	62	1008	0.664	ug/l	88
43) Isopropyl Acetate	6.42	43	1723	0.703	ug/l #	88
44) Trichloroethene	7.18	130	786	0.643	ug/l	92
45) 1,2-Dichloropropane	7.49	63	648	0.592	ug/l	95
46) Dibromomethane	7.63	93	515	0.658	ug/l	88
47) Bromodichloromethane	7.87	83	963	0.609	ug/l #	95
48) Methyl methacrylate	7.75	41	803	0.707	ug/l #	85
49) 1,4-Dioxane	7.72	88	312	11.990	ug/l #	55
51) 4-Methyl-2-Pentanone	8.62	43	4422	3.107	ug/l	95
52) Toluene	8.76	92	1814	0.634	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	1078	0.600	ug/l	93
54) cis-1,3-Dichloropropene	8.41	75	1074	0.566	ug/l #	85
55) 1,1,2-Trichloroethane	9.20	97	684	0.609	ug/l	93
56) Ethyl methacrylate	9.16	69	1007	0.584	ug/l #	84
57) 1,3-Dichloropropane	9.35	76	1125	0.596	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	2810	2.952	ug/l	94
59) 2-Hexanone	9.48	43	3353	3.099	ug/l	90
60) Dibromochloromethane	9.56	129	609	0.490	ug/l	95
61) 1,2-Dibromoethane	9.65	107	718	0.590	ug/l	98
64) Tetrachloroethene	9.32	164	619	0.632	ug/l	95
65) Chlorobenzene	10.12	112	1808	0.623	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	620	0.582	ug/l #	63
67) Ethyl Benzene	10.23	91	3265	0.648	ug/l	97
68) m/p-Xylenes	10.34	106	2315	1.185	ug/l	99
69) o-Xylene	10.68	106	1055	0.560	ug/l	93
70) Styrene	10.70	104	1813	0.572	ug/l	98
71) Bromoform	10.84	173	430	0.504	ug/l #	93
73) Isopropylbenzene	11.00	105	2774	0.645	ug/l	98
74) N-amyl acetate	10.88	43	1306	0.809	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.26	83	897	0.640	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1026m	0.795	ug/l	
77) Bromobenzene	11.24	156	689	0.661	ug/l	90
78) n-propylbenzene	11.34	91	3346	0.680	ug/l	99
79) 2-Chlorotoluene	11.40	91	2093	0.729	ug/l	93
80) 1,3,5-Trimethylbenzene	11.49	105	2420	0.674	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.05	75	313m	0.611	ug/l	
82) 4-Chlorotoluene	11.49	91	2465	0.715	ug/l	95
83) tert-Butylbenzene	11.76	119	2293	0.640	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	2445	0.682	ug/l	96
85) sec-Butylbenzene	11.93	105	2758	0.654	ug/l	97
86) p-Isopropyltoluene	12.05	119	2513	0.652	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	1402	0.717	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1542m	0.758	ug/l	
89) n-Butylbenzene	12.37	91	2605	0.742	ug/l	93
90) Hexachloroethane	12.58	117	353	0.561	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	1225	0.651	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	12.98	75	159	0.499	ug/l	73

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	931	0.715	ug/l	96
94) Hexachlorobutadiene	13.77	225	362	0.668	ug/l	97
95) Naphthalene	13.82	128	2849	0.642	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	845	0.670	ug/l	94

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

