

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101920\
 Data File : VX018968.D
 Acq On : 19 Oct 2020 22:09
 Operator : JC/SP
 Sample : L4214-08 5.0PPB LOQ
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:52:45 PM

Quant Time: Oct 20 10:20:45 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	5.64	168	81843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	151959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	133516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	60952	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	60115	57.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.00%	
35) Dibromofluoromethane	5.46	113	48015	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	8.70	98	184306	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.12	95	62547	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	3608	4.906	ug/l	99
3) Chloromethane	1.31	50	4285	5.346	ug/l	95
4) Vinyl Chloride	1.39	62	5924	5.512	ug/l	98
5) Bromomethane	1.62	94	7352	8.210	ug/l	100
6) Chloroethane	1.71	64	4654	6.002	ug/l	97
7) Trichlorofluoromethane	1.92	101	10383	5.726	ug/l	99
8) Diethyl Ether	2.17	74	4008	5.577	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	4823	4.830	ug/l	96
10) Methyl Iodide	2.50	142	3516	3.740	ug/l	98
11) Tert butyl alcohol	3.02	59	7620	31.298	ug/l	100
12) 1,1-Dichloroethene	2.36	96	5728	5.374	ug/l	98
13) Acrolein	2.27	56	4928	30.750	ug/l	96
14) Allyl chloride	2.70	41	6875	5.345	ug/l	98
15) Acrylonitrile	3.12	53	12663	28.238	ug/l	99
16) Acetone	2.42	43	11289	24.580	ug/l	99
17) Carbon Disulfide	2.55	76	12588	5.199	ug/l	97
18) Methyl Acetate	2.75	43	5658	5.563	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	14908	5.431	ug/l	96
20) Methylene Chloride	2.84	84	5394	5.556	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	5258	5.384	ug/l	99
22) Diisopropyl ether	3.83	45	12942	5.440	ug/l	93
23) Vinyl Acetate	3.79	43	62531	27.226	ug/l	99
24) 1,1-Dichloroethane	3.67	63	9117	5.591	ug/l	97
25) 2-Butanone	4.64	43	18604	28.159	ug/l	99
26) 2,2-Dichloropropane	4.55	77	7282	4.768	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	6132	5.413	ug/l	96
28) Bromochloromethane	4.98	49	4031	5.871	ug/l #	95
29) Tetrahydrofuran	5.10	42	11045	28.450	ug/l	96
30) Chloroform	5.17	83	9619	5.454	ug/l	98
31) Cyclohexane	5.54	56	7109	5.516	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	8756	5.497	ug/l	99
36) 1,1-Dichloropropene	5.77	75	7279	5.038	ug/l	99
37) Ethyl Acetate	4.81	43	7142	5.004	ug/l	99
38) Carbon Tetrachloride	5.76	117	7430	4.987	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	7806	5.027	ug/l	98
40) Benzene	6.12	78	21245	5.110	ug/l	93
41) Methacrylonitrile	5.00	41	3941	5.336	ug/l	96
42) 1,2-Dichloroethane	6.16	62	7650	5.365	ug/l	98
43) Isopropyl Acetate	6.42	43	12427	5.403	ug/l	97
44) Trichloroethene	7.19	130	5774	5.027	ug/l	100
45) 1,2-Dichloropropane	7.49	63	5181	5.038	ug/l	98
46) Dibromomethane	7.63	93	3716	5.052	ug/l	99
47) Bromodichloromethane	7.88	83	7505	5.050	ug/l	97
48) Methyl methacrylate	7.75	41	5753	5.394	ug/l	94
49) 1,4-Dioxane	7.72	88	2486	101.730	ug/l #	92
51) 4-Methyl-2-Pentanone	8.62	43	34954	26.153	ug/l	98
52) Toluene	8.76	92	13519	5.029	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	8016	4.747	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	8855	4.969	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	5133	4.867	ug/l	93
56) Ethyl methacrylate	9.16	69	7903	4.881	ug/l #	92
57) 1,3-Dichloropropane	9.35	76	9133	5.151	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	21595	24.161	ug/l	98
59) 2-Hexanone	9.48	43	26544	26.127	ug/l	95
60) Dibromochloromethane	9.57	129	5590	4.788	ug/l	94
61) 1,2-Dibromoethane	9.65	107	5617	4.916	ug/l	97
64) Tetrachloroethene	9.32	164	4724	5.008	ug/l	96
65) Chlorobenzene	10.12	112	14145	5.064	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	4920	4.800	ug/l	97
67) Ethyl Benzene	10.24	91	24779	5.109	ug/l	99
68) m/p-Xylenes	10.34	106	18487	9.834	ug/l	94
69) o-Xylene	10.68	106	8967	4.943	ug/l	97
70) Styrene	10.70	104	14662	4.806	ug/l	98
71) Bromoform	10.84	173	3662	4.459	ug/l #	98
73) Isopropylbenzene	11.00	105	23565	5.336	ug/l	97
74) N-amyl acetate	10.88	43	9173	5.533	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.25	83	7867	5.467	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	7298m	5.509	ug/l	
77) Bromobenzene	11.24	156	5365	5.013	ug/l	89
78) n-propylbenzene	11.34	91	26941	5.336	ug/l	97
79) 2-Chlorotoluene	11.40	91	16023	5.437	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	19233	5.218	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.06	75	2657	5.052	ug/l	90
82) 4-Chlorotoluene	11.49	91	18486	5.219	ug/l	96
83) tert-Butylbenzene	11.76	119	18535	5.038	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	19423	5.274	ug/l	98
85) sec-Butylbenzene	11.93	105	22607	5.225	ug/l	98
86) p-Isopropyltoluene	12.05	119	19722	4.985	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	9789	4.874	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	9952	4.766	ug/l	89
89) n-Butylbenzene	12.37	91	18615	5.162	ug/l	96
90) Hexachloroethane	12.58	117	3211	4.973	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	9609	4.976	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1800	5.502	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	6170	4.613	ug/l	98
94) Hexachlorobutadiene	13.76	225	2566	4.613	ug/l	95
95) Naphthalene	13.82	128	22229	4.879	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	5789	4.471	ug/l	94

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

