

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101220\
 Data File : VX018922.D
 Acq On : 12 Oct 2020 22:25
 Operator : JC/SP
 Sample : L4303-13MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW07S-20201003MSD

Manual Integrations
 APPROVED

MMDadoda
 10/13/2020 2:19:20 PM

Quant Time: Oct 13 05:20:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	241518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	355465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	346096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190782	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	160479	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
35) Dibromofluoromethane	5.46	113	122685	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	8.70	98	438309	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.12	95	174223	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	130692	45.898	ug/l	97
3) Chloromethane	1.31	50	106162	46.898	ug/l	96
4) Vinyl Chloride	1.39	62	128488	50.778	ug/l	98
5) Bromomethane	1.62	94	73534	52.178	ug/l	97
6) Chloroethane	1.71	64	80458	47.475	ug/l	100
7) Trichlorofluoromethane	1.92	101	223130	44.736	ug/l	95
8) Diethyl Ether	2.17	74	70510	50.713	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107191	44.748	ug/l	99
10) Methyl Iodide	2.49	142	129354	51.284	ug/l	95
11) Tert butyl alcohol	3.01	59	146297	260.763	ug/l	98
12) 1,1-Dichloroethene	2.36	96	110428	49.550	ug/l	99
13) Acrolein	2.27	56	112124	240.203	ug/l	98
14) Allyl chloride	2.71	41	190725	47.162	ug/l	95
15) Acrylonitrile	3.12	53	309661	260.250	ug/l	99
16) Acetone	2.42	43	307502	228.250	ug/l	99
17) Carbon Disulfide	2.55	76	315388	48.221	ug/l	100
18) Methyl Acetate	2.75	43	130593	44.103	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	376639	50.362	ug/l	98
20) Methylene Chloride	2.84	84	129928	51.125	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	125712	48.592	ug/l	94
22) Diisopropyl ether	3.82	45	357436	49.385	ug/l	88
23) Vinyl Acetate	3.78	43	1561244	224.289	ug/l	99
24) 1,1-Dichloroethane	3.67	63	230509	47.369	ug/l	97
25) 2-Butanone	4.64	43	470812	244.021	ug/l	99
26) 2,2-Dichloropropane	4.56	77	171009	36.423	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	141691	49.319	ug/l	95
28) Bromochloromethane	4.98	49	100854	47.020	ug/l	100
29) Tetrahydrofuran	5.09	42	272141	262.897	ug/l	98
30) Chloroform	5.18	83	250840	46.787	ug/l	100
31) Cyclohexane	5.55	56	165545	49.757	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	235471	46.216	ug/l	98
36) 1,1-Dichloropropene	5.77	75	181570	48.582	ug/l	98
37) Ethyl Acetate	4.79	43	166067	46.013	ug/l	99
38) Carbon Tetrachloride	5.76	117	219291	47.340	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	163010	47.315	ug/l	96
40) Benzene	6.12	78	499533	49.750	ug/l	100
41) Methacrylonitrile	5.00	41	102424	48.920	ug/l	98
42) 1,2-Dichloroethane	6.16	62	213631	45.382	ug/l	99
43) Isopropyl Acetate	6.41	43	273355	45.574	ug/l	98
44) Trichloroethene	7.19	130	145585	48.348	ug/l	98
45) 1,2-Dichloropropane	7.49	63	130837	49.246	ug/l	95
46) Dibromomethane	7.63	93	94645	48.205	ug/l	95
47) Bromodichloromethane	7.87	83	204784	48.131	ug/l	98
48) Methyl methacrylate	7.74	41	151995	49.941	ug/l	95
49) 1,4-Dioxane	7.71	88	41288	967.503	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	938943	268.208	ug/l	98
52) Toluene	8.76	92	330871	51.348	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	217961	49.475	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	216367	47.743	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	137748	49.768	ug/l	97
56) Ethyl methacrylate	9.16	69	200418	49.627	ug/l	96
57) 1,3-Dichloropropane	9.35	76	228579	50.897	ug/l	99
59) 2-Hexanone	9.47	43	718661	269.443	ug/l	98
60) Dibromochloromethane	9.57	129	172709	49.709	ug/l	98
61) 1,2-Dibromoethane	9.65	107	148672	50.090	ug/l	100
64) Tetrachloroethene	9.32	164	128361	50.814	ug/l	94
65) Chlorobenzene	10.12	112	366301	48.975	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	149609	48.487	ug/l	100
67) Ethyl Benzene	10.23	91	630528	49.973	ug/l	98
68) m/p-Xylenes	10.34	106	489020	102.013	ug/l	100
69) o-Xylene	10.68	106	233545	51.710	ug/l	97
70) Stvrene	10.70	104	410898	53.739	ug/l	98
71) Bromoform	10.84	173	138560	51.918	ug/l #	97
73) Isopropylbenzene	11.00	105	647258	51.863	ug/l	100
74) N-amyl acetate	10.88	43	238706	48.344	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	204135	49.075	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	197448m	48.032	ug/l	
77) Bromobenzene	11.24	156	177881	51.887	ug/l	96
78) n-propylbenzene	11.34	91	725531	51.019	ug/l	99
79) 2-Chlorotoluene	11.40	91	448480	50.592	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	547274	51.266	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	66131	45.591	ug/l	96
82) 4-Chlorotoluene	11.49	91	531805	50.454	ug/l	100
83) tert-Butylbenzene	11.76	119	552356	51.667	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	558847	51.498	ug/l	100
85) sec-Butylbenzene	11.93	105	616429	51.183	ug/l	99
86) p-Isopropyltoluene	12.05	119	592451	51.852	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	309672	49.185	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	305747	47.942	ug/l	98
89) n-Butylbenzene	12.37	91	487629	49.119	ug/l	99
90) Hexachloroethane	12.58	117	97559	45.928	ug/l	87
91) 1,2-Dichlorobenzene	12.38	146	294654	49.165	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50521	47.490	ug/l	90
93) 1,2,4-Trichlorobenzene	13.63	180	203329	52.884	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	95110	55.693	ug/l	96
95) Naphthalene	13.82	128	624837	48.758	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	207483	55.156	ug/l	97

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

