

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100119\
 Data File : VX012746.D
 Acq On : 01 Oct 2019 20:19
 Operator : JC/SP
 Sample : K5082-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW201-20190926MS

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 10:07:27 AM

Quant Time: Oct 02 08:33:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	300373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123456	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	124691	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	5.48	113	95285	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
50) Toluene-d8	8.71	98	354681	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	11.14	95	133873	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	83725	44.270	ug/l	96
3) Chloromethane	1.32	50	95817	44.121	ug/l	99
4) Vinyl Chloride	1.40	62	99320	46.012	ug/l	98
5) Bromomethane	1.63	94	33845	39.879	ug/l	100
6) Chloroethane	1.71	64	63051	43.329	ug/l	97
7) Trichlorofluoromethane	1.92	101	143253	47.268	ug/l	100
8) Diethyl Ether	2.18	74	58931	47.449	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90612	49.088	ug/l	96
10) Methyl Iodide	2.50	142	90695	46.972	ug/l	94
11) Tert butyl alcohol	3.04	59	132827	217.201	ug/l	100
12) 1,1-Dichloroethene	2.36	96	87956	48.661	ug/l	96
13) Acrolein	2.28	56	82002	241.092	ug/l	97
14) Allyl chloride	2.72	41	165320	46.100	ug/l	97
15) Acrylonitrile	3.13	53	309889	249.773	ug/l	98
16) Acetone	2.44	43	268067	206.732	ug/l	96
17) Carbon Disulfide	2.56	76	221482	43.708	ug/l	99
18) Methyl Acetate	2.76	43	138603	45.395	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	334711	48.923	ug/l	99
20) Methylene Chloride	2.84	84	104043	47.440	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	97072	48.476	ug/l	97
22) Diisopropyl ether	3.84	45	334707	48.303	ug/l	99
23) Vinyl Acetate	3.80	43	1366914	224.943	ug/l	97
24) 1,1-Dichloroethane	3.69	63	182788	48.529	ug/l	99
25) 2-Butanone	4.66	43	420001	225.898	ug/l	95
26) 2,2-Dichloropropane	4.58	77	123054	36.732	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	113276	48.752	ug/l	92
28) Bromochloromethane	5.00	49	68889	50.370	ug/l	96
29) Tetrahydrofuran	5.12	42	273935	241.731	ug/l	96
30) Chloroform	5.20	83	185691	48.187	ug/l	98
31) Cyclohexane	5.57	56	161205	47.308	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	164445	48.149	ug/l	100
36) 1,1-Dichloropropene	5.79	75	137491	47.488	ug/l	99
37) Ethyl Acetate	4.82	43	150698	44.521	ug/l	97
38) Carbon Tetrachloride	5.78	117	140683	47.834	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162871	46.728	ug/l	97
40) Benzene	6.14	78	411682	48.327	ug/l	100
41) Methacrylonitrile	5.03	41	91434	48.145	ug/l	96
42) 1,2-Dichloroethane	6.18	62	153820	47.550	ug/l	98
43) Isopropyl Acetate	6.43	43	250943	44.332	ug/l	98
44) Trichloroethene	7.21	130	104477	47.974	ug/l	93
45) 1,2-Dichloropropane	7.51	63	105864	48.539	ug/l	99
46) Dibromomethane	7.65	93	72096	48.552	ug/l	96
47) Bromodichloromethane	7.89	83	142987	48.179	ug/l	99
48) Methyl methacrylate	7.76	41	128557	47.364	ug/l	94
49) 1,4-Dioxane	7.73	88	51391	834.768	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	826192	236.448	ug/l	97
52) Toluene	8.78	92	259683	48.502	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	152636	46.484	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	166071	46.321	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	106975	50.255	ug/l	98
56) Ethyl methacrylate	9.17	69	173093	48.403	ug/l	92
57) 1,3-Dichloropropane	9.37	76	181812	48.803	ug/l	99
59) 2-Hexanone	9.49	43	628282	234.909	ug/l	95
60) Dibromochloromethane	9.58	129	107987	50.115	ug/l	100
61) 1,2-Dibromoethane	9.67	107	110068	49.685	ug/l	99
64) Tetrachloroethene	9.33	164	95558	51.222	ug/l	97
65) Chlorobenzene	10.14	112	273289	48.503	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	102507	50.211	ug/l	99
67) Ethyl Benzene	10.25	91	493263	48.267	ug/l	99
68) m/p-Xylenes	10.35	106	369876	96.618	ug/l	99
69) o-Xylene	10.70	106	178925	48.302	ug/l	99
70) Styrene	10.71	104	306090	49.290	ug/l	99
71) Bromoform	10.85	173	70615	49.676	ug/l #	98
73) Isopropylbenzene	11.01	105	474069	47.147	ug/l	99
74) N-amyl acetate	10.89	43	206830	43.117	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	157932	47.426	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	153860m	47.114	ug/l	
77) Bromobenzene	11.25	156	109068	47.926	ug/l	99
78) n-propylbenzene	11.35	91	532881	47.073	ug/l	100
79) 2-Chlorotoluene	11.42	91	324837	45.999	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	401933	47.667	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47775	41.924	ug/l	97
82) 4-Chlorotoluene	11.51	91	374317	46.498	ug/l	98
83) tert-Butylbenzene	11.76	119	391244	48.101	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	406531	47.793	ug/l	100
85) sec-Butylbenzene	11.94	105	453178	47.902	ug/l	99
86) p-Isopropyltoluene	12.06	119	415556	48.681	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	195530	47.743	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	195725	47.295	ug/l	99
89) n-Butylbenzene	12.39	91	340653	45.286	ug/l	99
90) Hexachloroethane	12.59	117	72408	47.578	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	198872	48.504	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38894	46.691	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	120646	48.249	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	52897	49.174	ug/l	97
95) Naphthalene	13.83	128	443662	49.041	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	122855	49.048	ug/l	99

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

