

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011287.D
 Acq On : 02 Aug 2019 02:44
 Operator : JC/SP
 Sample : K4118-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190730MS

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:04:48 AM

Quant Time: Aug 02 04:01:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	144251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	216989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	201911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108177	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	70637	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	5.49	113	67230	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	8.71	98	253073	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.13	95	91719	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	51245	45.996	ug/l	100
3) Chloromethane	1.32	50	60184	48.105	ug/l	99
4) Vinyl Chloride	1.40	62	65176	47.359	ug/l	99
5) Bromomethane	1.63	94	45567	46.426	ug/l	99
6) Chloroethane	1.71	64	43972	51.699	ug/l	98
7) Trichlorofluoromethane	1.92	101	117777	48.132	ug/l	98
8) Diethyl Ether	2.18	74	40578	46.441	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	60429	45.641	ug/l	99
10) Methyl Iodide	2.50	142	82886	49.655	ug/l	99
11) Tert butyl alcohol	3.04	59	67691	233.679	ug/l	100
12) 1,1-Dichloroethene	2.37	96	61910	47.171	ug/l	95
13) Acrolein	2.29	56	38970	216.417	ug/l	97
14) Allyl chloride	2.72	41	83014	47.445	ug/l	99
15) Acrylonitrile	3.14	53	174663	252.671	ug/l	100
16) Acetone	2.43	43	143843	208.031	ug/l	99
17) Carbon Disulfide	2.56	76	149443	48.522	ug/l	100
18) Methyl Acetate	2.76	43	61719	39.059	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	190678	49.300	ug/l	99
20) Methylene Chloride	2.85	84	70603	46.624	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	66763	48.088	ug/l	97
22) Diisopropyl ether	3.85	45	185827	48.323	ug/l	95
23) Vinyl Acetate	3.81	43	645136	202.270	ug/l	100
24) 1,1-Dichloroethane	3.69	63	108867	48.011	ug/l	98
25) 2-Butanone	4.67	43	233671	237.570	ug/l	97
26) 2,2-Dichloropropane	4.57	77	57769	32.773	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	77163	48.253	ug/l	94
28) Bromochloromethane	5.01	49	50512	48.863	ug/l	99
29) Tetrahydrofuran	5.12	42	150216	249.079	ug/l	99
30) Chloroform	5.21	83	119150	48.347	ug/l	96
31) Cyclohexane	5.57	56	89200	47.681	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	102850	48.717	ug/l	99
36) 1,1-Dichloropropene	5.79	75	84915	44.822	ug/l	97
37) Ethyl Acetate	4.83	43	72882	38.352	ug/l	99
38) Carbon Tetrachloride	5.78	117	89539	46.977	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95811	42.665	ug/l	97
40) Benzene	6.14	78	269025	47.587	ug/l	99
41) Methacrylonitrile	5.03	41	46771	45.066	ug/l	96
42) 1,2-Dichloroethane	6.19	62	88827	46.465	ug/l	100
43) Isopropyl Acetate	6.44	43	125722	41.380	ug/l	99
44) Trichloroethene	7.21	130	77233	45.134	ug/l	100
45) 1,2-Dichloropropane	7.51	63	67025	45.778	ug/l	96
46) Dibromomethane	7.66	93	50393	47.148	ug/l	97
47) Bromodichloromethane	7.90	83	87132	48.149	ug/l	99
48) Methyl methacrylate	7.76	41	69402	48.539	ug/l	99
49) 1,4-Dioxane	7.74	88	36869	889.443	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	485840	247.783	ug/l	99
52) Toluene	8.78	92	175524	46.959	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	87300	41.911	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	96321	45.566	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	73143	47.593	ug/l	98
56) Ethyl methacrylate	9.18	69	105272	48.068	ug/l	99
57) 1,3-Dichloropropane	9.37	76	114903	47.276	ug/l	100
59) 2-Hexanone	9.49	43	375336	247.139	ug/l	100
60) Dibromochloromethane	9.58	129	76725	48.763	ug/l	100
61) 1,2-Dibromoethane	9.67	107	78341	47.182	ug/l	100
64) Tetrachloroethene	9.34	164	76818	44.800	ug/l	95
65) Chlorobenzene	10.13	112	198548	45.862	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	72783	49.107	ug/l	100
67) Ethyl Benzene	10.25	91	342514	47.241	ug/l	100
68) m/p-Xylenes	10.35	106	266317	94.963	ug/l	99
69) o-Xylene	10.69	106	128870	46.769	ug/l	100
70) Styrene	10.71	104	222579	48.819	ug/l	100
71) Bromoform	10.85	173	57648	43.869	ug/l #	98
73) Isopropylbenzene	11.02	105	345073	46.641	ug/l	99
74) N-amyl acetate	10.90	43	107558	40.234	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	116354	47.192	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	94942m	48.193	ug/l	
77) Bromobenzene	11.25	156	96186	46.884	ug/l	99
78) n-propylbenzene	11.36	91	386577	46.985	ug/l	100
79) 2-Chlorotoluene	11.42	91	228441	46.583	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	291417	47.053	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28463	39.614	ug/l	99
82) 4-Chlorotoluene	11.51	91	268123	46.914	ug/l	99
83) tert-Butylbenzene	11.77	119	289496	47.659	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	294503	47.760	ug/l	99
85) sec-Butylbenzene	11.94	105	337683	46.271	ug/l	99
86) p-Isopropyltoluene	12.06	119	312165	46.495	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	167597	46.234	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	168654	45.120	ug/l	99
89) n-Butylbenzene	12.38	91	264090	45.657	ug/l	99
90) Hexachloroethane	12.59	117	47910	48.267	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	170147	46.715	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	23047	48.248	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	109306	45.252	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	53811	43.909	ug/l	98
95) Naphthalene	13.83	128	339660	48.085	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	114255	46.527	ug/l	98

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

