

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100319\
 Data File : VX012798.D
 Acq On : 03 Oct 2019 20:53
 Operator : JC/SP
 Sample : K5157-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MS

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 9:19:19 AM

Quant Time: Oct 04 07:49:57 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	158859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	279874	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118269	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	110831	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
35) Dibromofluoromethane	5.49	113	86673	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
50) Toluene-d8	8.71	98	317503	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.14	95	124122	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	76952	43.059	ug/l	97
3) Chloromethane	1.32	50	87971	42.868	ug/l	100
4) Vinyl Chloride	1.40	62	97902	47.997	ug/l	96
5) Bromomethane	1.63	94	31096	38.774	ug/l	98
6) Chloroethane	1.71	64	61968	45.065	ug/l	96
7) Trichlorofluoromethane	1.92	101	137702	48.083	ug/l	99
8) Diethyl Ether	2.18	74	55739	47.493	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86611	49.654	ug/l	97
10) Methyl Iodide	2.50	142	86884	47.551	ug/l	94
11) Tert butyl alcohol	3.03	59	133848	231.621	ug/l	99
12) 1,1-Dichloroethene	2.36	96	85109	49.829	ug/l	97
13) Acrolein	2.28	56	78669	244.610	ug/l	99
14) Allyl chloride	2.72	41	157006	46.332	ug/l	96
15) Acrylonitrile	3.13	53	297164	253.469	ug/l	98
16) Acetone	2.44	43	254442	207.655	ug/l	96
17) Carbon Disulfide	2.56	76	212979	44.479	ug/l	99
18) Methyl Acetate	2.76	43	136653	47.364	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	325277	50.313	ug/l	99
20) Methylene Chloride	2.84	84	103023	49.711	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	98760	52.192	ug/l	97
22) Diisopropyl ether	3.84	45	319186	48.746	ug/l	98
23) Vinyl Acetate	3.80	43	1333423	232.215	ug/l	97
24) 1,1-Dichloroethane	3.69	63	180290	50.654	ug/l	98
25) 2-Butanone	4.66	43	408154	232.314	ug/l	94
26) 2,2-Dichloropropane	4.57	77	120484	38.060	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	113261	51.585	ug/l	91
28) Bromochloromethane	5.01	49	63540	49.165	ug/l	95
29) Tetrahydrofuran	5.11	42	263168	245.758	ug/l	95
30) Chloroform	5.20	83	181961	49.970	ug/l	99
31) Cyclohexane	5.57	56	153284	47.604	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	158632	49.153	ug/l	99
36) 1,1-Dichloropropene	5.79	75	129326	47.940	ug/l	98
37) Ethyl Acetate	4.82	43	147178	46.666	ug/l	97
38) Carbon Tetrachloride	5.78	117	132949	48.515	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	149829	46.135	ug/l	99
40) Benzene	6.14	78	399422	50.322	ug/l	99
41) Methacrylonitrile	5.03	41	86626	48.954	ug/l	95
42) 1,2-Dichloroethane	6.18	62	148339	49.215	ug/l	98
43) Isopropyl Acetate	6.43	43	240816	45.659	ug/l	96
44) Trichloroethene	7.21	130	102267	50.399	ug/l	98
45) 1,2-Dichloropropane	7.51	63	104083	51.218	ug/l	99
46) Dibromomethane	7.65	93	70388	50.873	ug/l	98
47) Bromodichloromethane	7.89	83	140207	50.703	ug/l	96
48) Methyl methacrylate	7.76	41	124184	49.104	ug/l	92
49) 1,4-Dioxane	7.73	88	53860	938.952	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	806444	247.701	ug/l	95
52) Toluene	8.78	92	252100	50.534	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	145959	47.706	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	160165	47.946	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	102530	51.695	ug/l	99
56) Ethyl methacrylate	9.17	69	167808	50.362	ug/l	92
57) 1,3-Dichloropropane	9.37	76	178574	51.444	ug/l	99
59) 2-Hexanone	9.49	43	621910	249.557	ug/l	95
60) Dibromochloromethane	9.58	129	105487	52.540	ug/l	99
61) 1,2-Dibromoethane	9.67	107	108196	52.417	ug/l	99
64) Tetrachloroethene	9.33	164	84607	48.600	ug/l	96
65) Chlorobenzene	10.14	112	263833	50.178	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	99081	52.009	ug/l	98
67) Ethyl Benzene	10.25	91	480969	50.434	ug/l	99
68) m/p-Xylenes	10.35	106	361959	101.321	ug/l	98
69) o-Xylene	10.70	106	177890	51.462	ug/l	98
70) Styrene	10.71	104	304910	52.617	ug/l	98
71) Bromoform	10.85	173	70362	53.043	ug/l	97
73) Isopropylbenzene	11.01	105	472131	49.014	ug/l	99
74) N-amyl acetate	10.89	43	210890	45.891	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	166616	52.228	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	152225m	48.657	ug/l	
77) Bromobenzene	11.25	156	109188	50.083	ug/l	97
78) n-propylbenzene	11.35	91	519934	47.944	ug/l	100
79) 2-Chlorotoluene	11.42	91	320344	47.352	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	400987	49.641	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	46070	42.201	ug/l	97
82) 4-Chlorotoluene	11.51	91	371615	48.187	ug/l	99
83) tert-Butylbenzene	11.76	119	385209	49.436	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	402918	49.446	ug/l	98
85) sec-Butylbenzene	11.94	105	444495	49.045	ug/l	99
86) p-Isopropyltoluene	12.06	119	410556	50.204	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	195793	49.904	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	195429	49.294	ug/l	99
89) n-Butylbenzene	12.38	91	340377	47.234	ug/l	100
90) Hexachloroethane	12.59	117	71158	48.807	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	203044	51.693	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40006	50.132	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	121215	50.603	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	53285	51.707	ug/l	100
95) Naphthalene	13.83	128	444673	51.308	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	123149	51.321	ug/l	98

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

