

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100219\
 Data File : VX012774.D
 Acq On : 02 Oct 2019 21:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/3/2019 10:50:35 AM

Quant Time: Oct 03 04:39:00 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	171167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299064	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128757	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	113458	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
35) Dibromofluoromethane	5.49	113	88560	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	8.71	98	327649	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	11.13	95	126264	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	83393	43.308	ug/l	100
3) Chloromethane	1.32	50	94189	42.598	ug/l	100
4) Vinyl Chloride	1.40	62	97580	44.399	ug/l	95
5) Bromomethane	1.62	94	29229	33.826	ug/l	99
6) Chloroethane	1.70	64	62621	42.266	ug/l	97
7) Trichlorofluoromethane	1.92	101	140149	45.419	ug/l	97
8) Diethyl Ether	2.18	74	57291	45.306	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89999	47.886	ug/l	97
10) Methyl Iodide	2.50	142	67186	35.525	ug/l	94
11) Tert butyl alcohol	3.04	59	149315	239.806	ug/l	100
12) 1,1-Dichloroethene	2.36	96	88300	47.980	ug/l	96
13) Acrolein	2.28	56	61640	180.671	ug/l	98
14) Allyl chloride	2.72	41	166141	45.502	ug/l	97
15) Acrylonitrile	3.14	53	316649	250.667	ug/l	98
16) Acetone	2.44	43	273673	207.290	ug/l	97
17) Carbon Disulfide	2.56	76	218883	42.425	ug/l	100
18) Methyl Acetate	2.76	43	154889	49.824	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	337862	48.502	ug/l	97
20) Methylene Chloride	2.84	84	108045	48.385	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	98211	48.170	ug/l	98
22) Diisopropyl ether	3.84	45	336323	47.670	ug/l	98
23) Vinyl Acetate	3.81	43	1460234	236.013	ug/l	97
24) 1,1-Dichloroethane	3.68	63	185122	48.271	ug/l	98
25) 2-Butanone	4.67	43	436185	230.416	ug/l	97
26) 2,2-Dichloropropane	4.57	77	130281	38.196	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	113107	47.811	ug/l	92
28) Bromochloromethane	5.00	49	63367	45.506	ug/l	96
29) Tetrahydrofuran	5.12	42	281469	243.947	ug/l	96
30) Chloroform	5.20	83	188460	48.033	ug/l	97
31) Cyclohexane	5.57	56	159358	45.932	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	164170	47.211	ug/l	99
36) 1,1-Dichloropropene	5.79	75	134579	46.686	ug/l	97
37) Ethyl Acetate	4.82	43	163433	48.495	ug/l	98
38) Carbon Tetrachloride	5.78	117	139952	47.793	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161796	46.623	ug/l	97
40) Benzene	6.14	78	415802	49.024	ug/l	99
41) Methacrylonitrile	5.03	41	88463	46.784	ug/l	94
42) 1,2-Dichloroethane	6.18	62	154373	47.930	ug/l	99
43) Isopropyl Acetate	6.43	43	264433	46.919	ug/l	97
44) Trichloroethene	7.21	130	107238	49.458	ug/l	95
45) 1,2-Dichloropropane	7.51	63	108287	49.868	ug/l	99
46) Dibromomethane	7.65	93	71613	48.437	ug/l	99
47) Bromodichloromethane	7.89	83	143719	48.638	ug/l	99
48) Methyl methacrylate	7.76	41	131420	48.631	ug/l	93
49) 1,4-Dioxane	7.73	88	63699	1039.222	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	857387	246.450	ug/l	95
52) Toluene	8.78	92	265219	49.753	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	154780	47.343	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	171045	47.917	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	108144	51.027	ug/l	97
56) Ethyl methacrylate	9.17	69	175364	49.252	ug/l	92
57) 1,3-Dichloropropane	9.37	76	180014	48.532	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	398362	249.253	ug/l	99
59) 2-Hexanone	9.49	43	663009	248.978	ug/l	95
60) Dibromochloromethane	9.58	129	109258	50.927	ug/l	99
61) 1,2-Dibromoethane	9.67	107	112153	50.848	ug/l	98
64) Tetrachloroethene	9.33	164	94646	50.014	ug/l	94
65) Chlorobenzene	10.14	112	277197	48.499	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	102301	49.400	ug/l	99
67) Ethyl Benzene	10.24	91	502778	48.500	ug/l	99
68) m/p-Xylenes	10.35	106	381346	98.201	ug/l	98
69) o-Xylene	10.70	106	184263	49.038	ug/l	99
70) Styrene	10.71	104	321900	51.101	ug/l	98
71) Bromoform	10.85	173	73511	50.980	ug/l #	98
73) Isopropylbenzene	11.01	105	487978	46.533	ug/l	99
74) N-amyl acetate	10.89	43	232272	46.427	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	171250	49.308	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	161989m	47.561	ug/l	
77) Bromobenzene	11.25	156	114573	48.273	ug/l	97
78) n-propylbenzene	11.35	91	550831	46.656	ug/l	99
79) 2-Chlorotoluene	11.42	91	342248	46.469	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	418548	47.594	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50858	42.792	ug/l	97
82) 4-Chlorotoluene	11.51	91	388157	46.232	ug/l	99
83) tert-Butylbenzene	11.77	119	404969	47.739	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	420873	47.442	ug/l	99
85) sec-Butylbenzene	11.94	105	475340	48.176	ug/l	99
86) p-Isopropyltoluene	12.06	119	431975	48.521	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	211282	49.465	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	211046	48.897	ug/l	99
89) n-Butylbenzene	12.38	91	368951	47.029	ug/l	99
90) Hexachloroethane	12.59	117	73583	46.360	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	212320	49.651	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42050	48.401	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	132940	50.977	ug/l	99
94) Hexachlorobutadiene	13.78	225	57491	51.244	ug/l	99
95) Naphthalene	13.83	128	484789	51.380	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	133749	51.199	ug/l	99

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

