

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121018\
 Data File : VX006360.D
 Acq On : 10 Dec 2018 10:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 10:54:39 AM

Quant Time: Dec 11 04:07:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	726364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1042173	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	949364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	501581	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	344790	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
35) Dibromofluoromethane	5.50	113	337953	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	8.71	98	1211291	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.13	95	464130	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	362126	50.917	ug/l	100
3) Chloromethane	1.33	50	327235	44.774	ug/l	96
4) Vinyl Chloride	1.41	62	360332	45.809	ug/l	99
5) Bromomethane	1.64	94	281113	51.567	ug/l	99
6) Chloroethane	1.71	64	227297	47.128	ug/l	99
7) Trichlorofluoromethane	1.93	101	562236	46.564	ug/l	98
8) Diethyl Ether	2.19	74	211637	46.312	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	339445	49.440	ug/l	99
10) Methyl Iodide	2.51	142	477441	46.143	ug/l	98
11) Tert butyl alcohol	3.07	59	413206	203.767	ug/l	99
12) 1,1-Dichloroethene	2.37	96	300954	45.789	ug/l	95
13) Acrolein	2.29	56	263842	238.051	ug/l	99
14) Allyl chloride	2.73	41	557173	42.914	ug/l	98
15) Acrylonitrile	3.15	53	918381	217.029	ug/l	99
16) Acetone	2.45	43	824785	237.020	ug/l	98
17) Carbon Disulfide	2.57	76	831379	41.050	ug/l	100
18) Methyl Acetate	2.78	43	530060	45.549	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	1088480	46.423	ug/l	97
20) Methylene Chloride	2.86	84	332954	44.958	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	317804	45.373	ug/l	92
22) Diisopropyl ether	3.87	45	1036698	51.120	ug/l	94
23) Vinyl Acetate	3.82	43	4396809	254.197	ug/l	99
24) 1,1-Dichloroethane	3.70	63	587382	50.674	ug/l	98
25) 2-Butanone	4.70	43	1154552	232.529	ug/l	99
26) 2,2-Dichloropropane	4.59	77	531670	49.700	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	384885	49.264	ug/l	98
28) Bromochloromethane	5.02	49	247168	48.818	ug/l	98
29) Tetrahydrofuran	5.15	42	741801	214.964	ug/l	97
30) Chloroform	5.21	83	592790	48.665	ug/l	98
31) Cyclohexane	5.57	56	488628	45.614	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	553340	47.743	ug/l	99
36) 1,1-Dichloropropene	5.80	75	429068	48.890	ug/l	99
37) Ethyl Acetate	4.85	43	442260	44.999	ug/l	98
38) Carbon Tetrachloride	5.78	117	514134	49.798	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	569273	49.972	ug/l	98
40) Benzene	6.14	78	1308759	49.790	ug/l	99
41) Methacrylonitrile	5.06	41	245657	45.425	ug/l	98
42) 1,2-Dichloroethane	6.20	62	429448	49.920	ug/l	99
43) Isopropyl Acetate	6.46	43	749555	45.743	ug/l	98
44) Trichloroethene	7.21	130	402263	50.517	ug/l	100
45) 1,2-Dichloropropane	7.51	63	332364	49.751	ug/l	99
46) Dibromomethane	7.66	93	238832	49.501	ug/l	99
47) Bromodichloromethane	7.90	83	471541	50.468	ug/l	100
48) Methyl methacrylate	7.77	41	367103	46.050	ug/l	97
49) 1,4-Dioxane	7.75	88	176714	899.416	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2206941	231.354	ug/l	99
52) Toluene	8.78	92	868659	50.232	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	536212	49.072	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	556741	49.067	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	365345	52.003	ug/l	99
56) Ethyl methacrylate	9.18	69	539918	49.159	ug/l	97
57) 1,3-Dichloropropane	9.37	76	559643	50.376	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1535544	275.516	ug/l	99
59) 2-Hexanone	9.49	43	1760479	241.559	ug/l	99
60) Dibromochloromethane	9.58	129	440295	50.825	ug/l	100
61) 1,2-Dibromoethane	9.67	107	395935	50.402	ug/l	98
64) Tetrachloroethene	9.34	164	364682	51.008	ug/l	98
65) Chlorobenzene	10.14	112	1035490	51.382	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	402193	51.365	ug/l	99
67) Ethyl Benzene	10.25	91	1686294	50.310	ug/l	100
68) m/p-Xylenes	10.36	106	1354244	100.864	ug/l	99
69) o-Xylene	10.70	106	666597	50.263	ug/l	100
70) Styrene	10.71	104	1090234	50.828	ug/l	99
71) Bromoform	10.86	173	363675	49.202	ug/l	100
73) Isopropylbenzene	11.02	105	1775688	51.263	ug/l	100
74) N-amyl acetate	10.90	43	674291	45.206	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	524580	47.338	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	508969m	52.572	ug/l	
77) Bromobenzene	11.26	156	488263	50.793	ug/l	99
78) n-propylbenzene	11.36	91	1986793	51.599	ug/l	100
79) 2-Chlorotoluene	11.42	91	1153788	50.416	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1479664	51.341	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	189538	45.943	ug/l	97
82) 4-Chlorotoluene	11.51	91	1338667	50.311	ug/l	99
83) tert-Butylbenzene	11.77	119	1587099	51.613	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1515898	50.938	ug/l	100
85) sec-Butylbenzene	11.94	105	1819737	52.018	ug/l	99
86) p-Isopropyltoluene	12.07	119	1666847	52.915	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	881198	51.518	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	877980	50.572	ug/l	99
89) n-Butylbenzene	12.39	91	1422358	52.920	ug/l	100
90) Hexachloroethane	12.60	117	320873	49.979	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	854732	50.350	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	121876	42.904	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	653335	52.753	ug/l	99
94) Hexachlorobutadiene	13.78	225	316798	57.841	ug/l	99
95) Naphthalene	13.83	128	1915481	49.721	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	639064	52.097	ug/l	99

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

