

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122818\
 Data File : VX006848.D
 Acq On : 28 Dec 2018 09:12
 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
 1/2/2019 10:46:34 AM

Quant Time: Dec 28 23:49:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	612626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	871927	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	803423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	411096	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	332670	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	5.50	113	310169	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
50) Toluene-d8	8.71	98	1145983	55.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.26%	
62) 4-Bromofluorobenzene	11.13	95	417519	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	243675	43.479	ug/l	99
3) Chloromethane	1.33	50	262718	43.511	ug/l	97
4) Vinyl Chloride	1.41	62	286396	45.416	ug/l	98
5) Bromomethane	1.64	94	267062	45.197	ug/l	97
6) Chloroethane	1.71	64	187036	42.835	ug/l	99
7) Trichlorofluoromethane	1.93	101	468381	47.640	ug/l	99
8) Diethyl Ether	2.19	74	187056	47.901	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	283231	49.064	ug/l	98
10) Methyl Iodide	2.51	142	413736	50.069	ug/l	100
11) Tert butyl alcohol	3.08	59	328392	222.862	ug/l	99
12) 1,1-Dichloroethene	2.37	96	254649	46.523	ug/l	97
13) Acrolein	2.29	56	208254	209.501	ug/l	98
14) Allyl chloride	2.73	41	458251	49.737	ug/l	99
15) Acrylonitrile	3.15	53	820986	250.937	ug/l	100
16) Acetone	2.45	43	776524	255.987	ug/l	99
17) Carbon Disulfide	2.57	76	591871	40.860	ug/l	100
18) Methyl Acetate	2.78	43	479628	53.771	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	929131	51.144	ug/l	99
20) Methylene Chloride	2.85	84	294978	47.026	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	277678	45.785	ug/l	96
22) Diisopropyl ether	3.87	45	877626	52.068	ug/l	98
23) Vinyl Acetate	3.82	43	3540712	256.812	ug/l	100
24) 1,1-Dichloroethane	3.70	63	502302	49.921	ug/l	98
25) 2-Butanone	4.70	43	1057059	247.733	ug/l	99
26) 2,2-Dichloropropane	4.59	77	391895	50.421	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	324801	48.540	ug/l	98
28) Bromochloromethane	5.02	49	237529	56.232	ug/l	99
29) Tetrahydrofuran	5.15	42	678181	241.317	ug/l	98
30) Chloroform	5.21	83	507472	48.703	ug/l	98
31) Cyclohexane	5.57	56	396900	43.420	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	441685	50.202	ug/l	99
36) 1,1-Dichloropropene	5.80	75	371309	51.417	ug/l	99
37) Ethyl Acetate	4.85	43	402265	53.519	ug/l	99
38) Carbon Tetrachloride	5.78	117	380398	54.201	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	402134	42.297	ug/l	98
40) Benzene	6.14	78	1118761	50.966	ug/l	99
41) Methacrylonitrile	5.06	41	227736	57.069	ug/l	99
42) 1,2-Dichloroethane	6.20	62	381327	50.980	ug/l	100
43) Isopropyl Acetate	6.46	43	662476	57.927	ug/l	98
44) Trichloroethene	7.21	130	332412	50.032	ug/l	97
45) 1,2-Dichloropropane	7.51	63	290463	54.375	ug/l	97
46) Dibromomethane	7.66	93	204173	51.963	ug/l	97
47) Bromodichloromethane	7.90	83	372779	57.146	ug/l	97
48) Methyl methacrylate	7.77	41	332683	57.204	ug/l	98
49) 1,4-Dioxane	7.75	88	132794	870.107	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2051911	281.985	ug/l	99
52) Toluene	8.79	92	744391	52.491	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	418597	59.832	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	456217	59.430	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	314764	54.226	ug/l	99
56) Ethyl methacrylate	9.18	69	468529	57.109	ug/l	96
57) 1,3-Dichloropropane	9.37	76	498708	53.400	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1239902	284.311	ug/l	99
59) 2-Hexanone	9.49	43	1568533	281.730	ug/l	100
60) Dibromochloromethane	9.59	129	327644	53.784	ug/l	98
61) 1,2-Dibromoethane	9.67	107	335808	54.421	ug/l	98
64) Tetrachloroethene	9.34	164	317302	49.875	ug/l	95
65) Chlorobenzene	10.14	112	877509	51.627	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	315256	59.448	ug/l	100
67) Ethyl Benzene	10.25	91	1445527	52.045	ug/l	100
68) m/p-Xylenes	10.36	106	1146946	104.651	ug/l	99
69) o-Xylene	10.69	106	560168	51.760	ug/l	98
70) Styrene	10.71	104	927048	54.144	ug/l	100
71) Bromoform	10.86	173	244921	51.095	ug/l	100
73) Isopropylbenzene	11.02	105	1446364	51.428	ug/l	99
74) N-amyl acetate	10.90	43	603852	59.985	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	462771	55.328	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	430632m	56.366	ug/l	
77) Bromobenzene	11.26	156	403684	53.093	ug/l	99
78) n-propylbenzene	11.36	91	1616348	52.191	ug/l	99
79) 2-Chlorotoluene	11.42	91	959497	51.124	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1170007	50.508	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	131616	52.222	ug/l	99
82) 4-Chlorotoluene	11.51	91	1129729	52.476	ug/l	100
83) tert-Butylbenzene	11.77	119	1178879	50.848	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1206662	49.524	ug/l	99
85) sec-Butylbenzene	11.94	105	1323019	46.544	ug/l	100
86) p-Isopropyltoluene	12.06	119	1195225	47.834	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	716078	52.256	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	723615	51.511	ug/l	100
89) n-Butylbenzene	12.39	91	1018915	47.915	ug/l	99
90) Hexachloroethane	12.60	117	178756	45.994	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	703900	51.350	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	93289	53.904	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	450311	47.623	ug/l	98
94) Hexachlorobutadiene	13.78	225	182531	40.955	ug/l	99
95) Naphthalene	13.83	128	1401126	46.427	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	443564	45.434	ug/l	98

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

