

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122018\
 Data File : VX006711.D
 Acq On : 21 Dec 2018 07:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 10:20:02 AM

Quant Time: Dec 21 08:25:27 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	631929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	959643	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	844099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	430390	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	314926	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	5.50	113	288989	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
50) Toluene-d8	8.71	98	1054367	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
62) 4-Bromofluorobenzene	11.14	95	377163	45.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	254835	44.081	ug/l	98
3) Chloromethane	1.33	50	262472	42.142	ug/l	98
4) Vinyl Chloride	1.41	62	314330	48.323	ug/l	100
5) Bromomethane	1.64	94	272795	44.738	ug/l	95
6) Chloroethane	1.72	64	206557	45.861	ug/l	96
7) Trichlorofluoromethane	1.93	101	503241	49.622	ug/l	97
8) Diethyl Ether	2.19	74	200391	49.749	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	283967	47.689	ug/l	99
10) Methyl Iodide	2.51	142	282739	33.171	ug/l	100
11) Tert butyl alcohol	3.08	59	401243	263.984	ug/l	98
12) 1,1-Dichloroethene	2.37	96	281176	49.800	ug/l	97
13) Acrolein	2.30	56	213060	207.788	ug/l	98
14) Allyl chloride	2.73	41	470702	49.528	ug/l	99
15) Acrylonitrile	3.15	53	900213	266.748	ug/l	99
16) Acetone	2.45	43	753587	240.837	ug/l	99
17) Carbon Disulfide	2.57	76	680360	45.534	ug/l	99
18) Methyl Acetate	2.78	43	512706	55.724	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	997167	53.212	ug/l	98
20) Methylene Chloride	2.86	84	310882	48.048	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	298680	47.744	ug/l	98
22) Diisopropyl ether	3.87	45	905715	52.093	ug/l	95
23) Vinyl Acetate	3.82	43	3662045	257.499	ug/l	100
24) 1,1-Dichloroethane	3.70	63	502879	48.452	ug/l	98
25) 2-Butanone	4.70	43	1115126	253.359	ug/l	97
26) 2,2-Dichloropropane	4.59	77	253961	31.677	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	341173	49.429	ug/l	97
28) Bromochloromethane	5.02	49	233834	53.578	ug/l	98
29) Tetrahydrofuran	5.15	42	758795	261.754	ug/l	98
30) Chloroform	5.22	83	534078	49.691	ug/l	98
31) Cyclohexane	5.58	56	443804	47.068	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	455401	50.180	ug/l	99
36) 1,1-Dichloropropene	5.80	75	390003	49.069	ug/l	100
37) Ethyl Acetate	4.85	43	439451	53.122	ug/l	99
38) Carbon Tetrachloride	5.79	117	387971	50.228	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	477208	45.606	ug/l	100
40) Benzene	6.15	78	1202451	49.771	ug/l	96
41) Methacrylonitrile	5.06	41	234534	53.400	ug/l	99
42) 1,2-Dichloroethane	6.20	62	402570	48.900	ug/l	100
43) Isopropyl Acetate	6.46	43	688204	54.676	ug/l	99
44) Trichloroethene	7.21	130	351619	48.086	ug/l	98
45) 1,2-Dichloropropane	7.51	63	303403	51.606	ug/l	94
46) Dibromomethane	7.66	93	214207	49.534	ug/l	98
47) Bromodichloromethane	7.90	83	371861	51.794	ug/l	97
48) Methyl methacrylate	7.77	41	349535	54.608	ug/l	99
49) 1,4-Dioxane	7.75	88	168819	1008.192	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2150058	268.465	ug/l	99
52) Toluene	8.79	92	772271	49.479	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	385973	50.126	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	431389	51.059	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	321078	50.258	ug/l	97
56) Ethyl methacrylate	9.18	69	477344	52.865	ug/l	97
57) 1,3-Dichloropropane	9.37	76	510664	49.682	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1259533	262.414	ug/l	99
59) 2-Hexanone	9.49	43	1611921	263.059	ug/l	99
60) Dibromochloromethane	9.58	129	324825	48.678	ug/l	98
61) 1,2-Dibromoethane	9.67	107	350970	51.679	ug/l	99
64) Tetrachloroethene	9.33	164	344440	51.532	ug/l	97
65) Chlorobenzene	10.14	112	898270	50.302	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	312632	56.112	ug/l	99
67) Ethyl Benzene	10.25	91	1462602	50.122	ug/l	99
68) m/p-Xylenes	10.36	106	1156346	100.424	ug/l	100
69) o-Xylene	10.70	106	565834	49.764	ug/l	98
70) Styrene	10.71	104	912690	50.737	ug/l	99
71) Bromoform	10.86	173	235000	47.050	ug/l	99
73) Isopropylbenzene	11.02	105	1514941	51.452	ug/l	99
74) N-amyl acetate	10.90	43	606669	57.563	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	466817	53.310	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	411580m	51.458	ug/l	
77) Bromobenzene	11.26	156	408595	51.329	ug/l	98
78) n-propylbenzene	11.36	91	1678819	51.778	ug/l	99
79) 2-Chlorotoluene	11.42	91	971042	49.419	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1247591	51.443	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	105397	40.940	ug/l	97
82) 4-Chlorotoluene	11.51	91	1129606	50.118	ug/l	100
83) tert-Butylbenzene	11.77	119	1258598	51.853	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1266502	49.650	ug/l	100
85) sec-Butylbenzene	11.94	105	1502547	50.490	ug/l	100
86) p-Isopropyltoluene	12.07	119	1350544	51.627	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	719903	50.180	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	713867	48.539	ug/l	99
89) n-Butylbenzene	12.39	91	1130477	50.778	ug/l	99
90) Hexachloroethane	12.60	117	199730	48.865	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	721334	50.263	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	96830	53.442	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	507427	51.258	ug/l	99
94) Hexachlorobutadiene	13.79	225	229543	49.194	ug/l	99
95) Naphthalene	13.83	128	1626545	51.480	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	512855	50.176	ug/l	99

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

