

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122218\
 Data File : VX006779.D
 Acq On : 22 Dec 2018 18:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 11:47:46 AM

Quant Time: Dec 24 05:54:12 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	539081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	839155	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	760283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	388327	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	292808	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.80%		
35) Dibromofluoromethane	5.50	113	267089	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.66%		
50) Toluene-d8	8.71	98	985725	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.54%		
62) 4-Bromofluorobenzene	11.13	95	351233	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.88%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	217552	44.114	ug/l	97
3) Chloromethane	1.33	50	235714	44.365	ug/l	100
4) Vinyl Chloride	1.41	62	255013	45.956	ug/l	98
5) Bromomethane	1.64	94	262317	50.682	ug/l	97
6) Chloroethane	1.71	64	173878	45.254	ug/l	99
7) Trichlorofluoromethane	1.93	101	418462	48.369	ug/l	100
8) Diethyl Ether	2.19	74	161819	47.092	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	246312	48.490	ug/l	99
10) Methyl Iodide	2.51	142	372040	51.165	ug/l	99
11) Tert butyl alcohol	3.07	59	323702	249.649	ug/l	100
12) 1,1-Dichloroethene	2.37	96	228048	47.347	ug/l	98
13) Acrolein	2.29	56	210268	240.385	ug/l	98
14) Allyl chloride	2.73	41	398299	49.128	ug/l	99
15) Acrylonitrile	3.15	53	757853	263.242	ug/l	99
16) Acetone	2.45	43	625301	234.258	ug/l	99
17) Carbon Disulfide	2.57	76	534042	41.898	ug/l	98
18) Methyl Acetate	2.78	43	438314	55.843	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	824458	51.573	ug/l	99
20) Methylene Chloride	2.85	84	265955	48.184	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	249444	46.741	ug/l	95
22) Diisopropyl ether	3.87	45	781811	52.711	ug/l	94
23) Vinyl Acetate	3.82	43	3123841	257.487	ug/l	99
24) 1,1-Dichloroethane	3.70	63	430146	48.582	ug/l	98
25) 2-Butanone	4.70	43	957817	255.099	ug/l	99
26) 2,2-Dichloropropane	4.58	77	286056	41.825	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	292816	49.730	ug/l	99
28) Bromochloromethane	5.02	49	199762	53.658	ug/l	98
29) Tetrahydrofuran	5.15	42	651868	263.599	ug/l	98
30) Chloroform	5.21	83	464835	50.698	ug/l	98
31) Cyclohexane	5.57	56	382094	47.503	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	386619	49.938	ug/l	99
36) 1,1-Dichloropropene	5.80	75	333757	48.022	ug/l	100
37) Ethyl Acetate	4.85	43	371835	51.402	ug/l	99
38) Carbon Tetrachloride	5.78	117	326179	48.291	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	421747	46.092	ug/l	97
40) Benzene	6.14	78	1044118	49.423	ug/l	98
41) Methacrylonitrile	5.06	41	203904	53.092	ug/l	98
42) 1,2-Dichloroethane	6.20	62	352041	48.902	ug/l	100
43) Isopropyl Acetate	6.46	43	579722	52.670	ug/l	99
44) Trichloroethene	7.21	130	299056	46.770	ug/l	99
45) 1,2-Dichloropropane	7.52	63	261404	50.847	ug/l	98
46) Dibromomethane	7.66	93	185396	49.027	ug/l	99
47) Bromodichloromethane	7.90	83	318828	50.784	ug/l	95
48) Methyl methacrylate	7.77	41	302451	54.036	ug/l	98
49) 1,4-Dioxane	7.75	88	145932	996.411	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1852636	264.543	ug/l	100
52) Toluene	8.78	92	680277	49.843	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	341523	50.722	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	383966	51.971	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	283945	50.827	ug/l	97
56) Ethyl methacrylate	9.18	69	416760	52.782	ug/l	98
57) 1,3-Dichloropropane	9.37	76	453726	50.481	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1055817	251.555	ug/l	99
59) 2-Hexanone	9.49	43	1391669	259.725	ug/l	100
60) Dibromochloromethane	9.59	129	274966	47.197	ug/l	99
61) 1,2-Dibromoethane	9.67	107	302476	50.934	ug/l	100
64) Tetrachloroethene	9.34	164	280856	46.652	ug/l	97
65) Chlorobenzene	10.14	112	784879	48.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	271010	54.004	ug/l	99
67) Ethyl Benzene	10.25	91	1305840	49.684	ug/l	99
68) m/p-Xylenes	10.36	106	1027430	99.065	ug/l	100
69) o-Xylene	10.69	106	504383	49.250	ug/l	99
70) Styrene	10.71	104	813727	50.222	ug/l	99
71) Bromoform	10.86	173	197458	44.191	ug/l	99
73) Isopropylbenzene	11.02	105	1342109	50.519	ug/l	99
74) N-amyl acetate	10.90	43	515932	54.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	417577	52.852	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	381305m	52.836	ug/l	
77) Bromobenzene	11.26	156	356255	49.602	ug/l	99
78) n-propylbenzene	11.36	91	1482536	50.677	ug/l	99
79) 2-Chlorotoluene	11.42	91	867134	48.911	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1102113	50.367	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	99835	42.769	ug/l	95
82) 4-Chlorotoluene	11.51	91	1007167	49.526	ug/l	100
83) tert-Butylbenzene	11.77	119	1135187	51.835	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1126915	48.963	ug/l	100
85) sec-Butylbenzene	11.94	105	1348772	50.232	ug/l	100
86) p-Isopropyltoluene	12.07	119	1198210	50.765	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	634108	48.987	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	640244	48.249	ug/l	99
89) n-Butylbenzene	12.39	91	1026208	51.088	ug/l	99
90) Hexachloroethane	12.60	117	172595	46.939	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	634572	49.006	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	83555	51.110	ug/l	99

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93) 1,2,4-Trichlorobenzene	13.65	180	445943	49.926	ug/l	100
94) Hexachlorobutadiene	13.78	225	204051	48.468	ug/l	99
95) Naphthalene	13.83	128	1418172	49.747	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	452551	49.072	ug/l	98

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

