

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005939.D
 Acq On : 13 Nov 2018 09:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/13/2018 1:24:09 PM

Quant Time: Nov 13 12:19:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	101762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	137195	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	126999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	72877	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	60313	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
35) Dibromofluoromethane	5.51	113	48623	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
50) Toluene-d8	8.71	98	165409	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
62) 4-Bromofluorobenzene	11.14	95	63135	56.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44531	48.535	ug/l	99
3) Chloromethane	1.32	50	54749	45.469	ug/l	99
4) Vinyl Chloride	1.41	62	59846	49.509	ug/l	94
5) Bromomethane	1.64	94	32789	44.325	ug/l	97
6) Chloroethane	1.71	64	34096	47.273	ug/l #	84
7) Trichlorofluoromethane	1.92	101	78858	49.147	ug/l	86
8) Diethyl Ether	2.18	74	32676	51.972	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	46294	50.166	ug/l	98
10) Methyl Iodide	2.51	142	57026	50.987	ug/l	100
11) Tert butyl alcohol	3.07	59	86338	257.624	ug/l	99
12) 1,1-Dichloroethene	2.37	96	43863	48.766	ug/l	90
13) Acrolein	2.29	56	57524	351.556	ug/l	98
14) Allyl chloride	2.73	41	97076	48.324	ug/l	98
15) Acrylonitrile	3.15	53	189030	272.173	ug/l	96
16) Acetone	2.45	43	171804	272.750	ug/l	97
17) Carbon Disulfide	2.57	76	123222	45.928	ug/l	100
18) Methyl Acetate	2.78	43	97625	58.073	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	160172	52.175	ug/l	93
20) Methylene Chloride	2.85	84	50945	49.236	ug/l #	94
21) trans-1,2-Dichloroethene	3.16	96	47802	50.386	ug/l	92
22) Diisopropyl ether	3.87	45	172207	48.935	ug/l	96
23) Vinyl Acetate	3.82	43	772321	255.963	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	95285	50.751	ug/l	97
25) 2-Butanone	4.71	43	254990	257.488	ug/l	99
26) 2,2-Dichloropropane	4.59	77	47792	34.701	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	55313	52.802	ug/l	93
28) Bromochloromethane	5.01	49	47618	56.750	ug/l	99
29) Tetrahydrofuran	5.15	42	166937	262.543	ug/l	99
30) Chloroform	5.21	83	87527	48.321	ug/l	98
31) Cyclohexane	5.57	56	79651	48.873	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	78137	51.717	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68823	52.036	ug/l	97
37) Ethyl Acetate	4.86	43	93501	53.760	ug/l	99
38) Carbon Tetrachloride	5.78	117	69968	52.843	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70595	52.664	ug/l	96
40) Benzene	6.15	78	198529	51.490	ug/l	96
41) Methacrylonitrile	5.06	41	49185	52.336	ug/l	96
42) 1,2-Dichloroethane	6.20	62	74412	53.883	ug/l	100
43) Isopropyl Acetate	6.46	43	136464	54.149	ug/l	98
44) Trichloroethene	7.21	130	53738	54.882	ug/l	90
45) 1,2-Dichloropropane	7.51	63	51645	55.186	ug/l #	85
46) Dibromomethane	7.66	93	31730	54.032	ug/l	96
47) Bromodichloromethane	7.90	83	63503	57.219	ug/l	98
48) Methyl methacrylate	7.77	41	66743	58.981	ug/l	99
49) 1,4-Dioxane	7.75	88	28238	1158.031	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	444963	280.148	ug/l	100
52) Toluene	8.79	92	112737	52.317	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	65070	49.684	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	72919	54.625	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	46817	48.749	ug/l	96
56) Ethyl methacrylate	9.18	69	73886	51.418	ug/l	99
57) 1,3-Dichloropropane	9.37	76	79870	49.489	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	218916	278.603	ug/l	97
59) 2-Hexanone	9.49	43	353134	252.234	ug/l	100
60) Dibromochloromethane	9.59	129	51140	49.272	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50004	47.087	ug/l	99
64) Tetrachloroethene	9.34	164	53554	49.529	ug/l	98
65) Chlorobenzene	10.14	112	126893	49.875	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	47497	53.699	ug/l	99
67) Ethyl Benzene	10.25	91	221708	54.344	ug/l	99
68) m/p-Xylenes	10.36	106	171355	110.115	ug/l	100
69) o-Xylene	10.70	106	81311	58.271	ug/l	99
70) Styrene	10.71	104	138490	60.164	ug/l	99
71) Bromoform	10.86	173	43124	58.160	ug/l #	98
73) Isopropylbenzene	11.02	105	225063	53.404	ug/l	100
74) N-amyl acetate	10.90	43	115089	48.703	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	77830	50.314	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	75484m	50.867	ug/l	
77) Bromobenzene	11.26	156	59838	50.374	ug/l	99
78) n-propylbenzene	11.36	91	261332	52.616	ug/l	99
79) 2-Chlorotoluene	11.42	91	154752	51.548	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	193952	54.156	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20969	45.037	ug/l	96
82) 4-Chlorotoluene	11.51	91	185226	52.352	ug/l	100
83) tert-Butylbenzene	11.77	119	188126	51.923	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	201925	51.093	ug/l	99
85) sec-Butylbenzene	11.94	105	229442	51.786	ug/l	100
86) p-Isopropyltoluene	12.07	119	207930	52.982	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	110372	48.415	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	112691	48.288	ug/l	99
89) n-Butylbenzene	12.39	91	182688	50.227	ug/l	100
90) Hexachloroethane	12.60	117	33487	51.108	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	112614	49.311	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20448	54.170	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	83901	52.187	ug/l	100
94) Hexachlorobutadiene	13.78	225	41067	48.628	ug/l	99
95) Naphthalene	13.83	128	263329	50.219	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	86303	52.692	ug/l	99

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

