

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002501.D
 Acq On : 13 Jun 2018 10:05
 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
 6/14/2018 11:29:23 AM

Quant Time: Jun 14 01:53:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	172409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	266654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	182851	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	140899	57.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.36%	
35) Dibromofluoromethane	5.51	113	106887	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	8.72	98	390314	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.14	95	157974	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61645	34.395	ug/l	99
3) Chloromethane	1.32	50	96709	46.916	ug/l	100
4) Vinyl Chloride	1.41	62	96641	42.784	ug/l	98
5) Bromomethane	1.64	94	62259	48.613	ug/l	98
6) Chloroethane	1.72	64	69726	47.720	ug/l	98
7) Trichlorofluoromethane	1.93	101	154359	44.851	ug/l	97
8) Diethyl Ether	2.19	74	75877	62.647	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	82969	44.674	ug/l	99
10) Methyl Iodide	2.51	142	108521	41.543	ug/l	99
11) Tert butyl alcohol	3.07	59	142979	285.800	ug/l	99
12) 1,1-Dichloroethene	2.37	96	83791	45.652	ug/l	100
13) Acrolein	2.29	56	48459	195.841	ug/l	99
14) Allyl chloride	2.73	41	192553	48.342	ug/l	98
15) Acrylonitrile	3.15	53	325705	312.837	ug/l	99
16) Acetone	2.45	43	336701	323.151	ug/l	100
17) Carbon Disulfide	2.57	76	176742	36.536	ug/l	99
18) Methyl Acetate	2.78	43	160268	65.737	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	399593	63.149	ug/l	98
20) Methylene Chloride	2.86	84	117345	60.791	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	96895	47.873	ug/l	99
22) Diisopropyl ether	3.87	45	418124	63.228	ug/l	95
23) Vinyl Acetate	3.82	43	1870395	289.665	ug/l	99
24) 1,1-Dichloroethane	3.70	63	209414	53.194	ug/l	99
25) 2-Butanone	4.71	43	425098	251.468	ug/l	100
26) 2,2-Dichloropropane	4.59	77	133579	43.408	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	107082	48.647	ug/l	95
28) Bromochloromethane	5.02	49	106160	64.433	ug/l	100
29) Tetrahydrofuran	5.17	42	265541	243.636	ug/l	100
30) Chloroform	5.22	83	192424	50.654	ug/l	98
31) Cyclohexane	5.58	56	116986	37.580	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	147025	45.636	ug/l	99
36) 1,1-Dichloropropene	5.80	75	119777	42.727	ug/l	99
37) Ethyl Acetate	4.86	43	163593	48.526	ug/l	100
38) Carbon Tetrachloride	5.79	117	123947	42.264	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	117698	34.068	ug/l	98
40) Benzene	6.15	78	399940	46.530	ug/l	98
41) Methacrylonitrile	5.06	41	94016	48.716	ug/l	98
42) 1,2-Dichloroethane	6.20	62	172109	50.398	ug/l	100
43) Isopropyl Acetate	6.46	43	279852	48.873	ug/l	99
44) Trichloroethene	7.22	130	109964	46.096	ug/l	100
45) 1,2-Dichloropropane	7.52	63	113401	48.870	ug/l	98
46) Dibromomethane	7.67	93	77853	49.492	ug/l	99
47) Bromodichloromethane	7.90	83	143765	50.533	ug/l	96
48) Methyl methacrylate	7.78	41	144039	50.078	ug/l	99
49) 1,4-Dioxane	7.76	88	54363	1010.842	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	917936	257.418	ug/l	99
52) Toluene	8.79	92	262383	47.996	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	171855	50.372	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	162180	50.385	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	119620	53.201	ug/l	98
56) Ethyl methacrylate	9.18	69	182098	50.728	ug/l	99
57) 1,3-Dichloropropane	9.37	76	195335	51.785	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	553569	333.184	ug/l	100
59) 2-Hexanone	9.50	43	718878	260.998	ug/l	100
60) Dibromochloromethane	9.59	129	121105	53.549	ug/l	100
61) 1,2-Dibromoethane	9.68	107	124890	53.272	ug/l	100
64) Tetrachloroethene	9.34	164	129151	46.187	ug/l	98
65) Chlorobenzene	10.14	112	318112	47.152	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	118536	48.524	ug/l	99
67) Ethyl Benzene	10.26	91	515948	45.698	ug/l	100
68) m/p-Xylenes	10.36	106	410371	93.502	ug/l	99
69) o-Xylene	10.70	106	205236	46.990	ug/l	99
70) Styrene	10.71	104	357404	50.056	ug/l	99
71) Bromoform	10.86	173	94048	43.473	ug/l	98
73) Isopropylbenzene	11.02	105	536211	42.155	ug/l	100
74) N-amyl acetate	6.46	43	279852	40.831	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	176769	44.185	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	182237m	45.420	ug/l	
77) Bromobenzene	11.26	156	158934	44.507	ug/l	98
78) n-propylbenzene	11.37	91	616049	43.574	ug/l	100
79) 2-Chlorotoluene	11.43	91	383093	42.913	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	471343	43.202	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	48190	42.102	ug/l	93
82) 4-Chlorotoluene	11.51	91	461302	44.768	ug/l	99
83) tert-Butylbenzene	11.77	119	447050	42.078	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	500071	44.527	ug/l	99
85) sec-Butylbenzene	11.95	105	537543	43.158	ug/l	99
86) p-Isopropyltoluene	12.07	119	504939	44.508	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	297464	46.588	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	301907	45.873	ug/l	99
89) n-Butylbenzene	12.39	91	441261	46.376	ug/l	100
90) Hexachloroethane	12.60	117	73066	40.346	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	305832	46.294	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39240	44.853	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	224313	48.424	ug/l	100
94) Hexachlorobutadiene	13.79	225	101226	44.222	ug/l	98
95) Naphthalene	13.84	128	631249	47.429	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	228382	48.343	ug/l	100

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

