

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002343.D
 Acq On : 06 Jun 2018 10:19
 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
 6/7/2018 11:36:12 AM

Quant Time: Jun 07 03:38:47 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	230596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336984	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	224898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169378	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
35) Dibromofluoromethane	5.51	113	129434	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	8.72	98	502831	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.14	95	199523	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	118226	49.32	ug/l	98
3) Chloromethane	1.32	50	137279	49.98	ug/l	100
4) Vinyl Chloride	1.41	62	146831	48.60	ug/l	100
5) Bromomethane	1.64	94	74614	43.19	ug/l	99
6) Chloroethane	1.72	64	100704	51.53	ug/l	97
7) Trichlorofluoromethane	1.93	101	245334	53.30	ug/l	99
8) Diethyl Ether	2.19	74	97366	60.00	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	141012	56.77	ug/l	99
10) Methyl Iodide	2.51	142	103899	29.74	ug/l	99
11) Tert butyl alcohol	3.06	59	155471	228.33	ug/l	98
12) 1,1-Dichloroethene	2.37	96	122989	50.10	ug/l	98
13) Acrolein	2.29	56	70390	213.56	ug/l	100
14) Allyl chloride	2.73	41	260369	48.87	ug/l	99
15) Acrylonitrile	3.15	53	392262	280.69	ug/l	100
16) Acetone	2.45	43	440355	315.53	ug/l	99
17) Carbon Disulfide	2.57	76	284594	43.99	ug/l	99
18) Methyl Acetate	2.78	43	185917	56.64	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	497821	58.65	ug/l	100
20) Methylene Chloride	2.86	84	150883	58.33	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	135089	49.90	ug/l	99
22) Diisopropyl ether	3.87	45	531172	59.98	ug/l	97
23) Vinyl Acetate	3.82	43	2331624	269.98	ug/l	100
24) 1,1-Dichloroethane	3.70	63	273634	51.97	ug/l	99
25) 2-Butanone	4.70	43	524382	231.93	ug/l	100
26) 1,2-Dichloropropane	4.59	77	186736	45.37	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	140873	47.85	ug/l	93
28) Bromochloromethane	5.02	49	126306	56.89	ug/l	100
29) Tetrahydrofuran	5.16	42	321912	220.83	ug/l	98
30) Chloroform	5.22	83	247794	48.77	ug/l	98
31) Cyclohexane	5.58	56	206473	49.59	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	209136	48.54	ug/l	99
36) 1,1-Dichloropropene	5.80	75	174173	49.16	ug/l	99
37) Ethyl Acetate	4.86	43	202199	47.46	ug/l	99
38) Carbon Tetrachloride	5.79	117	177924	48.01	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219491	50.15	ug/l	98
40) Benzene	6.15	78	540921	49.80	ug/l	100
41) Methacrylonitrile	5.06	41	116962	47.96	ug/l	99
42) 1,2-Dichloroethane	6.20	62	217802	50.47	ug/l	100
43) Isopropyl Acetate	6.46	43	348041	48.10	ug/l	99
44) Trichloroethene	7.21	130	151966	50.41	ug/l	94
45) 1,2-Dichloropropane	7.52	63	147563	50.32	ug/l	100
46) Dibromomethane	7.67	93	99438	50.02	ug/l	99
47) Bromodichloromethane	7.90	83	180719	50.26	ug/l	96
48) Methyl methacrylate	7.78	41	177905	48.94	ug/l	98
49) 1,4-Dioxane	7.76	88	59048	868.81	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1112751	246.92	ug/l	100
52) Toluene	8.79	92	359542	52.04	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	222817	51.68	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	208433	51.24	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	147362	51.86	ug/l	99
56) Ethyl methacrylate	9.18	69	231378	51.00	ug/l	99
57) 1,3-Dichloropropane	9.38	76	245739	51.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	541224	257.77	ug/l	100
59) 2-Hexanone	9.50	43	859829	247.02	ug/l	98
60) Dibromochloromethane	9.59	129	150519	52.66	ug/l	100
61) 1,2-Dibromoethane	9.68	107	156991	52.99	ug/l	99
64) Tetrachloroethene	9.34	164	173573	49.97	ug/l	99
65) Chlorobenzene	10.14	112	418392	49.92	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	151940	50.07	ug/l	99
67) Ethyl Benzene	10.26	91	714105	50.91	ug/l	100
68) m/p-Xylenes	10.36	106	560840	102.87	ug/l	100
69) o-Xylene	10.70	106	273310	50.37	ug/l	99
70) Styrene	10.71	104	467107	52.66	ug/l	99
71) Bromoform	10.86	173	115203	42.91	ug/l	99
73) Isopropylbenzene	11.02	105	745329	47.64	ug/l	100
74) N-amyl acetate	6.46	43	348041	41.29	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	218648	44.44	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	216942m	43.96	ug/l	
77) Bromobenzene	11.26	156	204112	46.47	ug/l	99
78) n-propylbenzene	11.37	91	853776	49.10	ug/l	100
79) 2-Chlorotoluene	11.43	91	508953	46.35	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	644534	48.03	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	58563	41.60	ug/l	95
82) 4-Chlorotoluene	11.51	91	611738	48.27	ug/l	98
83) tert-Butylbenzene	11.77	119	620263	47.47	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	670511	48.54	ug/l	98
85) sec-Butylbenzene	11.95	105	764173	49.88	ug/l	100
86) p-Isopropyltoluene	12.07	119	700691	50.22	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	382651	48.73	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	391750	48.40	ug/l	99
89) n-Butylbenzene	12.39	91	614937	52.55	ug/l	100
90) Hexachloroethane	12.60	117	99867	44.84	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	389427	47.93	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48043	44.65	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	285798	50.16	ug/l	99
94) Hexachlorobutadiene	13.79	225	142722	50.69	ug/l	100
95) Naphthalene	13.84	128	795224	48.58	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	295433	50.84	ug/l	99

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

