

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001186.D
 Acq On : 27 Apr 2018 22:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/30/2018 6:04:39 PM

Quant Time: Apr 28 04:10:58 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	198776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	271261	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	260841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182580	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	141714	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
35) Dibromofluoromethane	5.51	113	113587	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	8.72	98	423199	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.14	95	166298	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	97012	46.54	ug/l	96
3) Chloromethane	1.32	50	97721	44.76	ug/l	100
4) Vinyl Chloride	1.40	62	109909	47.45	ug/l	99
5) Bromomethane	1.64	94	84351	59.99	ug/l	99
6) Chloroethane	1.72	64	71017	48.71	ug/l	100
7) Trichlorofluoromethane	1.93	101	185927	49.70	ug/l	99
8) Diethyl Ether	2.19	74	69255	48.15	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	100305	48.67	ug/l	99
10) Methyl Iodide	2.51	142	88725	42.65	ug/l	100
11) Tert butyl alcohol	3.08	59	139772	230.03	ug/l	99
12) 1,1-Dichloroethene	2.37	96	96050	47.78	ug/l	97
13) Acrolein	2.30	56	40010	174.18	ug/l	99
14) Allyl chloride	2.73	41	181916	49.61	ug/l	98
15) Acrylonitrile	3.15	53	298238	229.85	ug/l	99
16) Acetone	2.45	43	278384	219.70	ug/l	100
17) Carbon Disulfide	2.57	76	239707	46.74	ug/l	99
18) Methyl Acetate	2.78	43	153752	48.49	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	362520	48.99	ug/l	98
20) Methylene Chloride	2.86	84	110973	47.02	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	106204	47.80	ug/l	97
22) Diisopropyl ether	3.88	45	356685	48.62	ug/l	96
23) Vinyl Acetate	3.83	43	1522224	244.56	ug/l	100
24) 1,1-Dichloroethane	3.70	63	184614	47.88	ug/l	99
25) 2-Butanone	4.71	43	420629	221.86	ug/l	98
26) 2,2-Dichloropropane	4.59	77	127376	41.97	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	117828	48.43	ug/l	99
28) Bromochloromethane	5.03	49	92795	53.67	ug/l	99
29) Tetrahydrofuran	5.17	42	272615	223.64	ug/l	99
30) Chloroform	5.23	83	203460	49.62	ug/l	97
31) Cyclohexane	5.58	56	154401	47.13	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	176181	49.77	ug/l	99
36) 1,1-Dichloropropene	5.81	75	144419	48.31	ug/l	99
37) Ethyl Acetate	4.87	43	164472	45.95	ug/l	99
38) Carbon Tetrachloride	5.79	117	153967	50.23	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	158868	48.02	ug/l	96
40) Benzene	6.15	78	440087	50.89	ug/l	100
41) Methacrylonitrile	5.07	41	94967	47.21	ug/l	100
42) 1,2-Dichloroethane	6.21	62	177331	50.89	ug/l	100
43) Isopropyl Acetate	6.48	43	268889	47.83	ug/l	99
44) Trichloroethene	7.22	130	129190	50.15	ug/l	96
45) 1,2-Dichloropropane	7.52	63	111998	49.24	ug/l	99
46) Dibromomethane	7.67	93	81442	51.71	ug/l	100
47) Bromodichloromethane	7.91	83	149982	52.41	ug/l	99
48) Methyl methacrylate	7.79	41	144790	48.45	ug/l	100
49) 1,4-Dioxane	7.76	88	58294	974.36	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	907019	245.61	ug/l	98
52) Toluene	8.79	92	288305	50.98	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	172773	51.94	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	162204	45.24	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	121652	50.85	ug/l	98
56) Ethyl methacrylate	9.19	69	179533	50.65	ug/l	99
57) 1,3-Dichloropropane	9.38	76	197379	51.00	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	420756	251.09	ug/l	99
59) 2-Hexanone	9.51	43	696830	240.83	ug/l	99
60) Dibromochloromethane	9.59	129	131098	47.12	ug/l	100
61) 1,2-Dibromoethane	9.68	107	131457	52.45	ug/l	100
64) Tetrachloroethene	9.34	164	141356	50.77	ug/l	98
65) Chlorobenzene	10.15	112	343004	50.19	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	126771	53.62	ug/l	100
67) Ethyl Benzene	10.26	91	561862	50.60	ug/l	100
68) m/p-Xylenes	10.37	106	448431	102.16	ug/l	100
69) o-Xylene	10.71	106	217226	51.02	ug/l	99
70) Styrene	10.72	104	368773	52.04	ug/l	100
71) Bromoform	10.87	173	106955	43.70	ug/l	99
73) Isopropylbenzene	11.02	105	575268	48.34	ug/l	99
74) N-amyl acetate	6.48	43	268889	44.84	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	186959	47.35	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	175767m	47.28	ug/l	
77) Bromobenzene	11.26	156	171342	48.55	ug/l	100
78) n-propylbenzene	11.37	91	656184	49.45	ug/l	100
79) 2-Chlorotoluene	11.43	91	396061	48.15	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	504360	50.06	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	43928	38.85	ug/l	98
82) 4-Chlorotoluene	11.52	91	479460	49.04	ug/l	99
83) tert-Butylbenzene	11.77	119	498180	49.55	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	519755	50.19	ug/l	99
85) sec-Butylbenzene	11.95	105	576079	49.05	ug/l	99
86) p-Isopropyltoluene	12.07	119	538578	49.29	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	311463	49.16	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	320086	48.49	ug/l	99
89) n-Butylbenzene	12.40	91	459407	48.58	ug/l	100
90) Hexachloroethane	12.60	117	77535	44.38	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	314644	49.14	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41289	47.38	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	239082	47.63	ug/l	100
94) Hexachlorobutadiene	13.79	225	106326	45.06	ug/l	100
95) Naphthalene	13.84	128	673088	48.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	238198	47.68	ug/l	99

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

