

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042618\
 Data File : VX001143.D
 Acq On : 26 Apr 2018 22:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/30/2018 6:03:29 PM

Quant Time: Apr 27 07:20:28 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	224757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198689	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	161952	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
35) Dibromofluoromethane	5.51	113	129004	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	8.72	98	479463	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.14	95	189676	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	116984	49.63	ug/l	97
3) Chloromethane	1.32	50	118202	47.88	ug/l	100
4) Vinyl Chloride	1.40	62	129098	49.29	ug/l	100
5) Bromomethane	1.64	94	87041	54.54	ug/l	100
6) Chloroethane	1.72	64	82339	49.95	ug/l	99
7) Trichlorofluoromethane	1.93	101	210876	49.85	ug/l	100
8) Diethyl Ether	2.19	74	79403	48.82	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	114206	49.00	ug/l	99
10) Methyl Iodide	2.51	142	115222	47.91	ug/l	99
11) Tert butyl alcohol	3.09	59	168639	245.45	ug/l	99
12) 1,1-Dichloroethene	2.37	96	110948	48.81	ug/l	99
13) Acrolein	2.30	56	61044	235.03	ug/l	99
14) Allyl chloride	2.73	41	209659	50.57	ug/l	100
15) Acrylonitrile	3.16	53	352787	240.46	ug/l	100
16) Acetone	2.45	43	325021	226.86	ug/l	98
17) Carbon Disulfide	2.57	76	290868	50.16	ug/l	99
18) Methyl Acetate	2.79	43	178572	49.81	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	413269	49.39	ug/l	98
20) Methylene Chloride	2.86	84	126890	47.55	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	121123	48.21	ug/l	99
22) Diisopropyl ether	3.88	45	413593	49.86	ug/l	98
23) Vinyl Acetate	3.84	43	1813117	257.62	ug/l	100
24) 1,1-Dichloroethane	3.70	63	211473	48.50	ug/l	99
25) 2-Butanone	4.72	43	509530	237.69	ug/l	99
26) 2,2-Dichloropropane	4.59	77	159620	46.51	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	135772	49.35	ug/l	99
28) Bromochloromethane	5.03	49	101881	52.11	ug/l	99
29) Tetrahydrofuran	5.18	42	328666	238.45	ug/l	100
30) Chloroform	5.23	83	234246	50.52	ug/l	98
31) Cyclohexane	5.58	56	187358	50.58	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	205235	51.28	ug/l	99
36) 1,1-Dichloropropene	5.81	75	166994	49.29	ug/l	99
37) Ethyl Acetate	4.88	43	199945	49.28	ug/l	99
38) Carbon Tetrachloride	5.79	117	179695	51.72	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	190789	50.88	ug/l	97
40) Benzene	6.15	78	503223	51.34	ug/l	99
41) Methacrylonitrile	5.07	41	113061	49.59	ug/l	99
42) 1,2-Dichloroethane	6.21	62	200106	50.67	ug/l	99
43) Isopropyl Acetate	6.48	43	327333	51.37	ug/l	100
44) Trichloroethene	7.22	130	146271	50.09	ug/l	100
45) 1,2-Dichloropropane	7.52	63	131558	51.03	ug/l	100
46) Dibromomethane	7.67	93	92262	51.69	ug/l	99
47) Bromodichloromethane	7.91	83	172840	53.29	ug/l	98
48) Methyl methacrylate	7.79	41	174609	51.55	ug/l	99
49) 1,4-Dioxane	7.77	88	67240	991.56	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1067462	255.02	ug/l	99
52) Toluene	8.79	92	328836	51.31	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	202069	53.59	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	192388	47.19	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	136099	50.19	ug/l	99
56) Ethyl methacrylate	9.19	69	211485	52.64	ug/l	100
57) 1,3-Dichloropropane	9.38	76	223749	51.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	489353	257.64	ug/l	99
59) 2-Hexanone	9.51	43	827392	252.28	ug/l	100
60) Dibromochloromethane	9.59	129	150077	47.56	ug/l	100
61) 1,2-Dibromoethane	9.68	107	149310	52.56	ug/l	100
64) Tetrachloroethene	9.34	164	154307	48.99	ug/l	98
65) Chlorobenzene	10.15	112	386474	49.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	143016	53.47	ug/l	99
67) Ethyl Benzene	10.26	91	639985	50.95	ug/l	100
68) m/p-Xylenes	10.37	106	506237	101.95	ug/l	100
69) o-Xylene	10.71	106	248509	51.60	ug/l	100
70) Styrene	10.72	104	416044	51.91	ug/l	100
71) Bromoform	10.87	173	125604	45.17	ug/l #	99
73) Isopropylbenzene	11.02	105	654478	50.54	ug/l	100
74) N-amyl acetate	6.48	43	327333	50.16	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	214251	49.86	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	201596m	49.83	ug/l	
77) Bromobenzene	11.26	156	192917	50.23	ug/l	100
78) n-propylbenzene	11.37	91	741781	51.37	ug/l	100
79) 2-Chlorotoluene	11.43	91	450203	50.29	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	564455	51.48	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	54862	43.82	ug/l	100
82) 4-Chlorotoluene	11.52	91	538921	50.65	ug/l	100
83) tert-Butylbenzene	11.77	119	566185	51.74	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	583861	51.81	ug/l	99
85) sec-Butylbenzene	11.95	105	661362	51.74	ug/l	100
86) p-Isopropyltoluene	12.07	119	608209	51.15	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	341784	49.57	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	354775	49.39	ug/l	99
89) n-Butylbenzene	12.40	91	525532	51.07	ug/l	100
90) Hexachloroethane	12.60	117	91313	47.75	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	350323	50.27	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49141	51.82	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	269118	49.26	ug/l	100
94) Hexachlorobutadiene	13.79	225	125284	48.79	ug/l	100
95) Naphthalene	13.84	128	784219	51.52	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	269716	49.62	ug/l	100

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

