

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033018\
 Data File : VX000557.D
 Acq On : 30 Mar 2018 13:16
 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

sam
 4/4/2018 6:10:49 PM

Quant Time: Apr 03 17:02:33 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	129099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	203047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	224058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	157481	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	83017	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	5.51	113	66241	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
50) Toluene-d8	8.72	98	281643	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
62) 4-Bromofluorobenzene	11.15	95	118111	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59016	41.479	ug/l	97
3) Chloromethane	1.32	50	63531	42.385	ug/l	98
4) Vinyl Chloride	1.40	62	80611	50.897	ug/l	98
5) Bromomethane	1.64	94	135149	71.256	ug/l	98
6) Chloroethane	1.72	64	59243	61.112	ug/l	98
7) Trichlorofluoromethane	1.93	101	150206	52.545	ug/l	96
8) Diethyl Ether	2.19	74	51361	50.276	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	83413	52.329	ug/l	99
10) Methyl Iodide	2.51	142	71483	45.665	ug/l	99
11) Tert butyl alcohol	3.08	59	144325	248.979	ug/l	100
12) 1,1-Dichloroethene	2.37	96	74068	52.932	ug/l	96
13) Acrolein	2.30	56	95949	502.761	ug/l	98
14) Allyl chloride	2.73	41	135039	54.649	ug/l	98
15) Acrylonitrile	3.15	53	301887	257.135	ug/l	100
16) Acetone	2.45	43	447403	319.146	ug/l	99
17) Carbon Disulfide	2.57	76	200334	53.818	ug/l	98
18) Methyl Acetate	2.78	43	146208	49.747	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	269138	52.004	ug/l	100
20) Methylene Chloride	2.86	84	81710	50.464	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	83319	53.377	ug/l	94
22) Diisopropyl ether	3.87	45	213958	48.912	ug/l	94
23) Vinyl Acetate	3.83	43	1230636	296.763	ug/l	98
24) 1,1-Dichloroethane	3.70	63	146293	53.193	ug/l	99
25) 2-Butanone	4.71	43	403641	256.162	ug/l	98
26) 2,2-Dichloropropane	4.59	77	89376	46.366	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	69659	47.748	ug/l	98
28) Bromochloromethane	5.03	49	59008	52.031	ug/l	99
29) Tetrahydrofuran	5.18	42	235146	242.546	ug/l	99
30) Chloroform	5.22	83	132240	51.305	ug/l	100
31) Cyclohexane	5.59	56	107016	50.334	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	117373	50.478	ug/l	99
36) 1,1-Dichloropropene	5.81	75	101253	53.236	ug/l	99
37) Ethyl Acetate	4.87	43	127517	49.083	ug/l	98
38) Carbon Tetrachloride	5.79	117	103167	51.704	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	125469	54.243	ug/l	96
40) Benzene	6.15	78	295614	53.521	ug/l	98
41) Methacrylonitrile	5.07	41	65111	47.537	ug/l	97
42) 1,2-Dichloroethane	6.20	62	114306	52.746	ug/l	99
43) Isopropyl Acetate	6.48	43	200939	51.959	ug/l	99
44) Trichloroethene	7.22	130	83727	52.912	ug/l	99
45) 1,2-Dichloropropane	7.53	63	76393	54.034	ug/l	97
46) Dibromomethane	7.67	93	58507	52.722	ug/l	96
47) Bromodichloromethane	7.91	83	107708	55.165	ug/l	99
48) Methyl methacrylate	7.79	41	98112	52.256	ug/l	98
49) 1,4-Dioxane	7.77	88	43455	1101.103	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	819017	273.607	ug/l	99
52) Toluene	8.79	92	220218	57.031	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	125714	55.564	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	126873	57.810	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	87593	55.162	ug/l	99
56) Ethyl methacrylate	9.19	69	134793	56.020	ug/l	99
57) 1,3-Dichloropropane	9.38	76	140295	55.239	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	275455	238.524	ug/l	99
59) 2-Hexanone	9.51	43	728453	286.595	ug/l	100
60) Dibromochloromethane	9.59	129	96598	51.290	ug/l	99
61) 1,2-Dibromoethane	9.68	107	99960	58.702	ug/l	97
64) Tetrachloroethene	9.34	164	91134	52.415	ug/l	95
65) Chlorobenzene	10.15	112	256441	51.429	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	87948	51.934	ug/l	97
67) Ethyl Benzene	10.26	91	448288	53.035	ug/l	98
68) m/p-Xylenes	10.37	106	374440	112.575	ug/l	99
69) o-Xylene	10.71	106	176880	54.923	ug/l	100
70) Styrene	10.72	104	307705	57.745	ug/l	98
71) Bromoform	10.87	173	78985	45.261	ug/l #	97
73) Isopropylbenzene	11.02	105	500266	47.945	ug/l	99
74) N-amyl acetate	6.48	43	200939	43.771	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	170710	46.256	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	173301m	51.205	ug/l	
77) Bromobenzene	11.26	156	123910	44.578	ug/l	99
78) n-propylbenzene	11.37	91	608316	48.894	ug/l	100
79) 2-Chlorotoluene	11.43	91	343545	47.798	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	453384	51.677	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	48381	46.281	ug/l	98
82) 4-Chlorotoluene	11.52	91	426498	49.698	ug/l	98
83) tert-Butylbenzene	11.78	119	433485	48.991	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	452382	49.181	ug/l	97
85) sec-Butylbenzene	11.95	105	556527	50.832	ug/l	100
86) p-Isopropyltoluene	12.07	119	517499	53.222	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	261776	49.809	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	276758	50.157	ug/l	98
89) n-Butylbenzene	12.40	91	484225	53.486	ug/l	99
90) Hexachloroethane	12.60	117	76153	49.758	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	262138	50.875	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47557	46.205	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	180363	48.827	ug/l	99
94) Hexachlorobutadiene	13.79	225	76352	49.920	ug/l	99
95) Naphthalene	13.84	128	629834	48.947	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	182701	50.054	ug/l	99

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

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