

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000745.D
 Acq On : 08 Apr 2018 21:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 4/9/2018 2:03:36 PM

Quant Time: Apr 09 08:30:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	317462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	447330	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	413059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	247942	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169986	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
35) Dibromofluoromethane	5.51	113	146203	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	8.73	98	535457	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.15	95	216302	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	134866	47.17	ug/l	100
3) Chloromethane	1.32	50	89815	39.20	ug/l	97
4) Vinyl Chloride	1.41	62	119426	46.23	ug/l	99
5) Bromomethane	1.64	94	34178	23.48	ug/l	98
6) Chloroethane	1.73	64	78545	49.54	ug/l	100
7) Trichlorofluoromethane	1.93	101	198253	46.86	ug/l	100
8) Diethyl Ether	2.19	74	77273	53.02	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	118167	47.69	ug/l	98
10) Methyl Iodide	2.51	142	38401	18.21	ug/l	99
11) Tert butyl alcohol	3.07	59	135719	219.69	ug/l	100
12) 1,1-Dichloroethene	2.38	96	106644	47.94	ug/l	96
13) Acrolein	2.30	56	68616	253.78	ug/l	98
14) Allyl chloride	2.73	41	205032	45.58	ug/l	98
15) Acrylonitrile	3.15	53	313365	242.02	ug/l	100
16) Acetone	2.45	43	267732	235.10	ug/l	98
17) Carbon Disulfide	2.57	76	255685	51.65	ug/l	99
18) Methyl Acetate	2.78	43	168641	49.88	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	410647	49.64	ug/l	98
20) Methylene Chloride	2.86	84	121105	49.59	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	117824	49.54	ug/l	97
22) Diisopropyl ether	3.88	45	431146	48.92	ug/l	97
23) Vinyl Acetate	3.83	43	1803112	241.59	ug/l	99
24) 1,1-Dichloroethane	3.70	63	231087	50.09	ug/l	99
25) 2-Butanone	4.71	43	460267	231.02	ug/l	97
26) 2,2-Dichloropropane	4.59	77	197433	42.05	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	146647	48.22	ug/l	97
28) Bromochloromethane	5.03	49	97629	53.76	ug/l	96
29) Tetrahydrofuran	5.17	42	289370	228.24	ug/l	98
30) Chloroform	5.23	83	244886	48.82	ug/l	100
31) Cyclohexane	5.59	56	183404	50.17	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	230593	48.24	ug/l	99
36) 1,1-Dichloropropene	5.81	75	174289	45.49	ug/l	99
37) Ethyl Acetate	4.87	43	182284	44.08	ug/l	99
38) Carbon Tetrachloride	5.79	117	210111	46.80	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	196563	48.43	ug/l	96
40) Benzene	6.15	78	514607	47.75	ug/l	100
41) Methacrylonitrile	5.07	41	108587	45.33	ug/l	99
42) 1,2-Dichloroethane	6.21	62	197463	46.46	ug/l	99
43) Isopropyl Acetate	6.48	43	324462	45.06	ug/l	99
44) Trichloroethene	7.22	130	160113	48.89	ug/l	98
45) 1,2-Dichloropropane	7.52	63	136055	47.09	ug/l	97
46) Dibromomethane	7.67	93	93891	46.82	ug/l	97
47) Bromodichloromethane	7.91	83	197438	47.58	ug/l	100
48) Methyl methacrylate	7.79	41	167578	46.25	ug/l	98
49) 1,4-Dioxane	7.76	88	60839	846.02	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	961880	230.53	ug/l	99
52) Toluene	8.79	92	342004	47.60	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	230752	46.73	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	225868	46.06	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	142976	48.92	ug/l	98
56) Ethyl methacrylate	9.19	69	221779	47.59	ug/l	98
57) 1,3-Dichloropropane	9.38	76	227837	47.66	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	538154	246.57	ug/l	99
59) 2-Hexanone	9.51	43	724905	227.64	ug/l	98
60) Dibromochloromethane	9.59	129	176502	48.42	ug/l	100
61) 1,2-Dibromoethane	9.68	107	149286	47.57	ug/l	98
64) Tetrachloroethene	9.34	164	156600	48.36	ug/l	98
65) Chlorobenzene	10.15	112	411519	48.40	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	161755	48.73	ug/l	100
67) Ethyl Benzene	10.26	91	682185	47.83	ug/l	100
68) m/p-Xylenes	10.37	106	538338	96.48	ug/l	99
69) o-Xylene	10.71	106	261435	47.75	ug/l	100
70) Styrene	10.72	104	452226	48.89	ug/l	99
71) Bromoform	10.87	173	153495	48.83	ug/l #	99
73) Isopropylbenzene	11.02	105	716972	48.37	ug/l	100
74) N-amyl acetate	6.48	43	324462	44.98	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	211226	47.94	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	198694m	47.10	ug/l	
77) Bromobenzene	11.26	156	209521	49.84	ug/l	97
78) n-propylbenzene	11.37	91	806566	47.43	ug/l	100
79) 2-Chlorotoluene	11.43	91	478654	47.19	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	611756	47.65	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	66735	41.19	ug/l	95
82) 4-Chlorotoluene	11.52	91	574678	47.28	ug/l	100
83) tert-Butylbenzene	11.78	119	639227	48.57	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	636184	47.86	ug/l	99
85) sec-Butylbenzene	11.95	105	738649	47.96	ug/l	100
86) p-Isopropyltoluene	12.07	119	684071	47.51	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	384305	48.79	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	392696	48.64	ug/l	99
89) n-Butylbenzene	12.40	91	597170	46.43	ug/l	100
90) Hexachloroethane	12.60	117	122454	46.83	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	377367	49.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51074	44.11	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	318088	48.62	ug/l	100
94) Hexachlorobutadiene	13.79	225	148067	45.96	ug/l	99
95) Naphthalene	13.84	128	846252	49.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	314237	49.79	ug/l	100

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

