

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000223.D
 Acq On : 08 Mar 2018 16:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 3/9/2018 9:38:18 AM

Quant Time: Mar 08 18:07:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	146822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	244052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	254085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	157015	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	99982	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	5.51	113	76628	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	8.73	98	328739	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
62) 4-Bromofluorobenzene	11.15	95	132322	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	73703	46.07	ug/l	98
3) Chloromethane	1.32	50	66226	42.40	ug/l	99
4) Vinyl Chloride	1.41	62	83172	45.69	ug/l	98
5) Bromomethane	1.64	94	88487	46.60	ug/l	100
6) Chloroethane	1.72	64	53299	46.94	ug/l	94
7) Trichlorofluoromethane	1.93	101	141920	47.00	ug/l	99
8) Diethyl Ether	2.19	74	46748	42.18	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	78426	46.50	ug/l	100
10) Methyl Iodide	2.51	142	66762	38.48	ug/l	99
11) Tert butyl alcohol	3.07	59	166694	222.90	ug/l	100
12) 1,1-Dichloroethene	2.38	96	70203	45.34	ug/l	96
13) Acrolein	2.30	56	108927	277.04	ug/l	98
14) Allyl chloride	2.73	41	125335	43.82	ug/l	98
15) Acrylonitrile	3.15	53	290517	223.22	ug/l	99
16) Acetone	2.45	43	362194	247.80	ug/l	100
17) Carbon Disulfide	2.57	76	189981	44.78	ug/l	99
18) Methyl Acetate	2.78	43	138292	44.43	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	250283	45.39	ug/l	100
20) Methylene Chloride	2.86	84	73468	42.15	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	76370	44.84	ug/l	97
22) Diisopropyl ether	3.88	45	243318	49.53	ug/l	98
23) Vinyl Acetate	3.83	43	1194819	252.38	ug/l	99
24) 1,1-Dichloroethane	3.70	63	132847	44.11	ug/l	99
25) 2-Butanone	4.71	43	416723	231.03	ug/l	97
26) 2,2-Dichloropropane	4.59	77	99116	45.03	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	69489	43.03	ug/l	99
28) Bromochloromethane	5.03	49	66481	51.94	ug/l	100
29) Tetrahydrofuran	5.18	42	260273	229.73	ug/l	99
30) Chloroform	5.22	83	130219	44.73	ug/l	99
31) Cyclohexane	5.59	56	106952	48.03	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	116806	46.27	ug/l	99
36) 1,1-Dichloropropene	5.81	75	99281	45.72	ug/l	99
37) Ethyl Acetate	4.87	43	136548	43.51	ug/l	99
38) Carbon Tetrachloride	5.79	117	102212	46.51	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	124253	46.63	ug/l	97
40) Benzene	6.15	78	283753	45.31	ug/l	99
41) Methacrylonitrile	5.07	41	70859	44.30	ug/l	98
42) 1,2-Dichloroethane	6.21	62	112234	45.69	ug/l	100
43) Isopropyl Acetate	6.48	43	208624	45.98	ug/l	100
44) Trichloroethene	7.22	130	81721	45.59	ug/l	94
45) 1,2-Dichloropropane	7.52	63	71504	45.08	ug/l	94
46) Dibromomethane	7.67	93	56464	44.99	ug/l	97
47) Bromodichloromethane	7.91	83	105638	47.85	ug/l	94
48) Methyl methacrylate	7.79	41	104335	46.68	ug/l	97
49) 1,4-Dioxane	7.77	88	49140	968.57	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	823689	240.51	ug/l	99
52) Toluene	8.79	92	206061	48.00	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	124781	47.97	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	125756	49.97	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	83561	48.06	ug/l	97
56) Ethyl methacrylate	9.19	69	130478	50.15	ug/l	98
57) 1,3-Dichloropropane	9.38	76	134356	46.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	395273	300.91	ug/l	99
59) 2-Hexanone	9.51	43	727138	249.01	ug/l	100
60) Dibromochloromethane	9.59	129	93013	50.74	ug/l	99
61) 1,2-Dibromoethane	9.68	107	94317	48.85	ug/l	98
64) Tetrachloroethene	9.34	164	79799	44.89	ug/l	99
65) Chlorobenzene	10.15	112	244234	47.60	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	82754	47.17	ug/l	100
67) Ethyl Benzene	10.26	91	420041	46.90	ug/l	99
68) m/p-Xylenes	10.37	106	335233	97.26	ug/l	99
69) o-Xylene	10.71	106	159017	48.00	ug/l	100
70) Styrene	10.72	104	269262	49.00	ug/l	99
71) Bromoform	10.87	173	73493	41.59	ug/l #	98
73) Isopropylbenzene	11.02	105	438784	44.63	ug/l	100
74) N-amyl acetate	6.48	43	208624	41.48	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	157476	45.69	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	140665m	44.69	ug/l	
77) Bromobenzene	11.26	156	109143	42.94	ug/l	97
78) n-propylbenzene	11.37	91	522069	45.12	ug/l	100
79) 2-Chlorotoluene	11.43	91	296857	45.48	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	387506	47.21	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	47816	46.52	ug/l	98
82) 4-Chlorotoluene	11.52	91	374333	47.17	ug/l	98
83) tert-Butylbenzene	11.78	119	372033	46.58	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	396996	47.04	ug/l	99
85) sec-Butylbenzene	11.96	105	478825	47.40	ug/l	99
86) p-Isopropyltoluene	12.07	119	436869	49.04	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	221283	45.79	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	230560	45.53	ug/l	99
89) n-Butylbenzene	12.40	91	421214	49.10	ug/l	99
90) Hexachloroethane	12.60	117	67191	46.82	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	222741	46.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44139	45.61	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	160160	46.02	ug/l	99
94) Hexachlorobutadiene	13.79	225	64737	44.69	ug/l	100
95) Naphthalene	13.84	128	562794	46.34	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	153925	44.71	ug/l	99

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

