

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032118\
 Data File : VX000374.D
 Acq On : 21 Mar 2018 10:06
 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

apatel
 3/22/2018 2:44:17 PM

Quant Time: Mar 22 05:41:52 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	123389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	196051	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	197154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124852	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	74657	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
35) Dibromofluoromethane	5.51	113	57980	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
50) Toluene-d8	8.73	98	240951	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	11.15	95	93114	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59887	44.04	ug/l	97
3) Chloromethane	1.32	50	62525	43.64	ug/l	98
4) Vinyl Chloride	1.41	62	71301	47.10	ug/l	96
5) Bromomethane	1.64	94	102965	56.81	ug/l	97
6) Chloroethane	1.73	64	45678	50.90	ug/l	97
7) Trichlorofluoromethane	1.93	101	126764	46.40	ug/l	98
8) Diethyl Ether	2.19	74	44981	46.07	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	73306	48.12	ug/l	99
10) Methyl Iodide	2.51	142	67892	45.40	ug/l	99
11) Tert butyl alcohol	3.07	59	129175	233.16	ug/l	99
12) 1,1-Dichloroethene	2.38	96	62605	46.81	ug/l	97
13) Acrolein	2.29	56	45742	258.08	ug/l	99
14) Allyl chloride	2.73	41	116098	49.15	ug/l	98
15) Acrylonitrile	3.15	53	260248	231.93	ug/l	100
16) Acetone	2.45	43	347724	259.52	ug/l	99
17) Carbon Disulfide	2.57	76	171297	48.15	ug/l	100
18) Methyl Acetate	2.78	43	134681	47.95	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	232809	47.07	ug/l	99
20) Methylene Chloride	2.86	84	70373	45.47	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	69084	46.31	ug/l	94
22) Diisopropyl ether	3.88	45	179332	42.89	ug/l	96
23) Vinyl Acetate	3.83	43	958591	241.86	ug/l	100
24) 1,1-Dichloroethane	3.70	63	126373	48.08	ug/l	99
25) 2-Butanone	4.71	43	368125	244.43	ug/l	99
26) 2,2-Dichloropropane	4.60	77	90888	49.33	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	64406	46.19	ug/l	99
28) Bromochloromethane	5.03	49	55296	51.01	ug/l	97
29) Tetrahydrofuran	5.17	42	225464	243.32	ug/l	99
30) Chloroform	5.23	83	122103	49.56	ug/l	93
31) Cyclohexane	5.59	56	98468	48.46	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	110930	49.91	ug/l	99
36) 1,1-Dichloropropene	5.81	75	90058	49.04	ug/l	99
37) Ethyl Acetate	4.87	43	121285	48.35	ug/l	99
38) Carbon Tetrachloride	5.79	117	96669	50.18	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	115788	51.84	ug/l	99
40) Benzene	6.15	78	263991	49.50	ug/l	100
41) Methacrylonitrile	5.07	41	62847	47.52	ug/l	99
42) 1,2-Dichloroethane	6.21	62	103412	49.42	ug/l	98
43) Isopropyl Acetate	6.47	43	190408	50.99	ug/l	99
44) Trichloroethene	7.22	130	75152	49.19	ug/l	87
45) 1,2-Dichloropropane	7.52	63	68896	50.47	ug/l	99
46) Dibromomethane	7.67	93	52836	49.31	ug/l	97
47) Bromodichloromethane	7.91	83	98965	52.50	ug/l	98
48) Methyl methacrylate	7.79	41	92998	51.30	ug/l	99
49) 1,4-Dioxane	7.76	88	36242	951.10	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	732836	253.55	ug/l	100
52) Toluene	8.79	92	184436	49.47	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	115707	52.97	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	112640	53.16	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	74745	48.75	ug/l	98
56) Ethyl methacrylate	9.19	69	118217	50.88	ug/l	99
57) 1,3-Dichloropropane	9.38	76	125855	51.32	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	294963	264.53	ug/l	98
59) 2-Hexanone	9.51	43	631454	257.30	ug/l	99
60) Dibromochloromethane	9.59	129	81408	45.29	ug/l	97
61) 1,2-Dibromoethane	9.68	107	82454	50.15	ug/l	99
64) Tetrachloroethene	9.34	164	76764	50.18	ug/l	95
65) Chlorobenzene	10.15	112	214684	48.93	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	75353	50.57	ug/l	100
67) Ethyl Benzene	10.26	91	372842	50.13	ug/l	100
68) m/p-Xylenes	10.37	106	297229	101.56	ug/l	99
69) o-Xylene	10.71	106	141559	49.95	ug/l	100
70) Styrene	10.72	104	243260	51.88	ug/l	98
71) Bromoform	10.87	173	67778	44.26	ug/l #	96
73) Isopropylbenzene	11.02	105	394965	47.75	ug/l	100
74) N-amyl acetate	6.47	43	190408	53.01	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	139116	47.55	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	127055m	47.35	ug/l	
77) Bromobenzene	11.26	156	97770	44.37	ug/l	99
78) n-propylbenzene	11.37	91	473381	47.99	ug/l	100
79) 2-Chlorotoluene	11.43	91	267930	47.02	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	347012	49.89	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	42863	51.72	ug/l	99
82) 4-Chlorotoluene	11.52	91	333892	49.07	ug/l	99
83) tert-Butylbenzene	11.78	119	335875	47.88	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	360410	49.42	ug/l	100
85) sec-Butylbenzene	11.96	105	433101	49.90	ug/l	99
86) p-Isopropyltoluene	12.07	119	387323	50.24	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	198381	47.61	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	206942	47.31	ug/l	98
89) n-Butylbenzene	12.40	91	365132	50.87	ug/l	99
90) Hexachloroethane	12.60	117	62808	51.76	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	196167	48.02	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39492	48.40	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137458	46.94	ug/l	99
94) Hexachlorobutadiene	13.79	225	60778	50.12	ug/l	96
95) Naphthalene	13.84	128	479406	46.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	136894	47.31	ug/l	100

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

