

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021418\
 Data File : VX000089.D
 Acq On : 14 Feb 2018 16:09
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

sam
 2/16/2018 1:20:33 PM

Quant Time: Feb 15 03:13:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 02:51:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	130356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	212244	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	207828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	120648	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	78403	55.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.02%	
35) Dibromofluoromethane	5.52	113	66950	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
50) Toluene-d8	8.73	98	257194	54.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.98%	
62) 4-Bromofluorobenzene	11.15	95	101142	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	65210	53.78	ug/l	100
3) Chloromethane	1.32	50	62018	50.97	ug/l	100
4) Vinyl Chloride	1.40	62	72715	52.82	ug/l	100
5) Bromomethane	1.64	94	59773	73.46	ug/l	100
6) Chloroethane	1.72	64	45159	54.19	ug/l	100
7) Trichlorofluoromethane	1.93	101	125222	52.14	ug/l	100
8) Diethyl Ether	2.20	74	43198	49.92	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69060	50.94	ug/l	100
10) Methyl Iodide	2.51	142	83331	54.94	ug/l	100
11) Tert butyl alcohol	3.09	59	148944	262.64	ug/l	100
12) 1,1-Dichloroethene	2.38	96	64874	50.61	ug/l	100
13) Acrolein	2.30	56	70013	247.30	ug/l	100
14) Allyl chloride	2.73	41	111861	49.98	ug/l	100
15) Acrylonitrile	3.16	53	254444	260.97	ug/l	100
16) Acetone	2.45	43	245594	286.99	ug/l	100
17) Carbon Disulfide	2.57	76	183549	49.47	ug/l	100
18) Methyl Acetate	2.79	43	116607	55.48	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	226861	51.64	ug/l	100
20) Methylene Chloride	2.86	84	69439	50.76	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	70744	51.16	ug/l	100
22) Diisopropyl ether	3.89	45	187197	50.58	ug/l	100
23) Vinyl Acetate	3.84	43	871194	260.05	ug/l	100
24) 1,1-Dichloroethane	3.70	63	100112	44.76	ug/l	100
25) 2-Butanone	4.72	43	346252	273.59	ug/l	100
26) 2,2-Dichloropropane	4.59	77	99370	50.64	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	67967	50.48	ug/l	100
28) Bromochloromethane	5.03	49	50446	62.86	ug/l	100
29) Tetrahydrofuran	5.18	42	227377	264.59	ug/l	100
30) Chloroform	5.23	83	119646	51.71	ug/l	100
31) Cyclohexane	5.59	56	94677	50.34	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	112333	51.58	ug/l	100
36) 1,1-Dichloropropene	5.81	75	90600	48.87	ug/l	100
37) Ethyl Acetate	4.88	43	121065	50.07	ug/l	100
38) Carbon Tetrachloride	5.80	117	101999	49.27	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	109764	48.90	ug/l	100
40) Benzene	6.15	78	261761	50.02	ug/l	100
41) Methacrylonitrile	5.07	41	62340	50.23	ug/l	100
42) 1,2-Dichloroethane	6.21	62	96134	51.17	ug/l	100
43) Isopropyl Acetate	6.48	43	181194	49.94	ug/l	100
44) Trichloroethene	7.23	130	77510	48.25	ug/l	100
45) 1,2-Dichloropropane	7.53	63	65149	51.08	ug/l	100
46) Dibromomethane	7.67	93	51147	51.89	ug/l	100
47) Bromodichloromethane	7.91	83	96709	50.63	ug/l	100
48) Methyl methacrylate	7.79	41	89135	50.04	ug/l	100
49) 1,4-Dioxane	7.78	88	47783	1005.77	ug/l	100
51) 4-Methyl-2-Pentanone	8.67	43	670517	263.64	ug/l	100
52) Toluene	8.79	92	180032	51.13	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	111979	50.23	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	114856	52.84	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	73818	50.05	ug/l	100
56) Ethyl methacrylate	9.20	69	116963	51.73	ug/l	100
57) 1,3-Dichloropropane	9.38	76	117974	51.29	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	284062	253.78	ug/l	100
59) 2-Hexanone	9.51	43	570770	274.04	ug/l	100
60) Dibromochloromethane	9.59	129	88234	52.05	ug/l	100
61) 1,2-Dibromoethane	9.68	107	82495	51.00	ug/l	100
64) Tetrachloroethene	9.34	164	75568	48.97	ug/l	100
65) Chlorobenzene	10.15	112	214303	49.54	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	79041	50.89	ug/l	100
67) Ethyl Benzene	10.26	91	358940	49.99	ug/l	100
68) m/p-Xylenes	10.37	106	286204	100.12	ug/l	100
69) o-Xylene	10.71	106	139799	50.66	ug/l	100
70) Styrene	10.72	104	233934	50.30	ug/l	100
71) Bromoform	10.87	173	74117	50.93	ug/l #	100
73) Isopropylbenzene	11.03	105	371990	48.61	ug/l	100
74) N-amyl acetate	6.48	43	181194	47.08	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	128606	49.32	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	116434m	50.87	ug/l	
77) Bromobenzene	11.26	156	101860	49.11	ug/l	100
78) n-propylbenzene	11.37	91	433976	48.79	ug/l	100
79) 2-Chlorotoluene	11.43	91	251519	49.00	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	319753	49.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	45170	49.49	ug/l	100
82) 4-Chlorotoluene	11.52	91	298996	48.71	ug/l	100
83) tert-Butylbenzene	11.78	119	315037	48.70	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	328922	49.95	ug/l	100
85) sec-Butylbenzene	11.96	105	390674	48.97	ug/l	100
86) p-Isopropyltoluene	12.07	119	355751	49.49	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	192629	49.19	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	197690	49.28	ug/l	100
89) n-Butylbenzene	12.40	91	323191	48.27	ug/l	100
90) Hexachloroethane	12.60	117	60333	48.30	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	190073	49.61	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	37534	49.77	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	142206	48.52	ug/l	100
94) Hexachlorobutadiene	13.79	225	62551	46.00	ug/l	100
95) Naphthalene	13.84	128	493138	51.30	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	141498	49.53	ug/l	100

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

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