

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022718\
 Data File : VX000142.D
 Acq On : 27 Feb 2018 14:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ClientSampled :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 2/28/2018 3:54:40 PM

Quant Time: Feb 28 04:58:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	152230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	254602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	259189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161442	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	101257	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
35) Dibromofluoromethane	5.51	113	82493	51.34	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	8.72	98	334913	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
62) 4-Bromofluorobenzene	11.15	95	135867	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	74880	47.77	ug/l	100
3) Chloromethane	1.32	50	70413	45.80	ug/l	97
4) Vinyl Chloride	1.40	62	82870	48.39	ug/l	97
5) Bromomethane	1.64	94	83371	61.83	ug/l	100
6) Chloroethane	1.72	64	54329	47.23	ug/l	99
7) Trichlorofluoromethane	1.93	101	150956	49.29	ug/l	97
8) Diethyl Ether	2.19	74	51902	49.11	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	83626	48.86	ug/l	97
10) Methyl Iodide	2.51	142	90438	48.24	ug/l	96
11) Tert butyl alcohol	3.07	59	194231	265.13	ug/l	98
12) 1,1-Dichloroethene	2.38	96	71731	44.99	ug/l	88
13) Acrolein	2.29	56	22902	65.45	ug/l	96
14) Allyl chloride	2.73	41	131623	49.32	ug/l	98
15) Acrylonitrile	3.15	53	318440	254.53	ug/l	99
16) Acetone	2.45	43	309711	251.20	ug/l	99
17) Carbon Disulfide	2.57	76	182857	38.96	ug/l	97
18) Methyl Acetate	2.78	43	165669	57.30	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	283795	51.86	ug/l	99
20) Methylene Chloride	2.86	84	80281	51.21	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	78750	45.56	ug/l	94
22) Diisopropyl ether	3.87	45	264879	56.80	ug/l	94
23) Vinyl Acetate	3.83	43	1217787	281.02	ug/l	98
24) 1,1-Dichloroethane	3.70	63	144645	52.36	ug/l	99
25) 2-Butanone	4.71	43	441437	256.46	ug/l	99
26) 2,2-Dichloropropane	4.59	77	92717	38.61	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	79623	48.36	ug/l	97
28) Bromochloromethane	5.03	49	66776	53.91	ug/l	91
29) Tetrahydrofuran	5.17	42	290125	258.84	ug/l	98
30) Chloroform	5.22	83	150994	51.93	ug/l	98
31) Cyclohexane	5.58	56	113200	47.65	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	136468	51.00	ug/l	98
36) 1,1-Dichloropropene	5.81	75	106504	46.62	ug/l	98
37) Ethyl Acetate	4.87	43	152872	48.69	ug/l	98
38) Carbon Tetrachloride	5.79	117	121472	49.22	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	131921	47.96	ug/l	98
40) Benzene	6.15	78	322474	49.40	ug/l	100
41) Methacrylonitrile	5.06	41	80592	53.53	ug/l	98
42) 1,2-Dichloroethane	6.20	62	123621	51.61	ug/l	99
43) Isopropyl Acetate	6.47	43	235962	52.13	ug/l	99
44) Trichloroethene	7.22	130	93360	48.56	ug/l	98
45) 1,2-Dichloropropane	7.52	63	84008	52.51	ug/l	97
46) Dibromomethane	7.67	93	65178	52.21	ug/l	95
47) Bromodichloromethane	7.90	83	125331	54.35	ug/l	99
48) Methyl methacrylate	7.79	41	116195	52.37	ug/l	98
49) 1,4-Dioxane	7.77	88	60103	1033.05	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	906944	274.10	ug/l	99
52) Toluene	8.79	92	225273	51.66	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	138575	51.11	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	139888	51.96	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	95874	53.16	ug/l	98
56) Ethyl methacrylate	9.19	69	149548	54.03	ug/l	95
57) 1,3-Dichloropropane	9.38	76	152694	53.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	372042	265.96	ug/l	98
59) 2-Hexanone	9.51	43	779674	278.31	ug/l	99
60) Dibromochloromethane	9.59	129	112168	54.91	ug/l	96
61) 1,2-Dibromoethane	9.68	107	107457	53.69	ug/l	99
64) Tetrachloroethene	9.34	164	95593	50.64	ug/l	99
65) Chlorobenzene	10.15	112	272446	49.79	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	102208	53.38	ug/l	99
67) Ethyl Benzene	10.26	91	464178	50.53	ug/l	98
68) m/p-Xylenes	10.37	106	375043	103.11	ug/l	100
69) o-Xylene	10.71	106	180745	51.52	ug/l	97
70) Styrene	10.72	104	308605	53.80	ug/l	99
71) Bromoform	10.87	173	95026	54.65	ug/l #	100
73) Isopropylbenzene	11.02	105	497409	48.61	ug/l	98
74) N-amyl acetate	6.47	43	235962	45.65	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	174278	48.91	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	162307m	48.53	ug/l	
77) Bromobenzene	11.26	156	131963	47.59	ug/l	97
78) n-propylbenzene	11.37	91	580667	48.14	ug/l	100
79) 2-Chlorotoluene	11.43	91	336086	48.70	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	428794	49.57	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	53328	45.42	ug/l	96
82) 4-Chlorotoluene	11.52	91	406582	48.69	ug/l	99
83) tert-Butylbenzene	11.78	119	427140	48.90	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	445527	49.61	ug/l	99
85) sec-Butylbenzene	11.96	105	537715	49.57	ug/l	100
86) p-Isopropyltoluene	12.07	119	490251	50.57	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	259090	48.70	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	268845	48.91	ug/l	99
89) n-Butylbenzene	12.40	91	449703	49.20	ug/l	99
90) Hexachloroethane	12.60	117	84871	53.78	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	257564	49.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50943	51.51	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	186311	47.43	ug/l	99
94) Hexachlorobutadiene	13.79	225	78283	45.67	ug/l	99
95) Naphthalene	13.84	128	662614	49.75	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	186690	48.15	ug/l	98

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

