

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001478.D
 Acq On : 07 May 2018 20:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/9/2018 5:47:34 PM

Quant Time: May 08 07:15:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325725	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	178649	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
35) Dibromofluoromethane	5.51	113	148028	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
50) Toluene-d8	8.72	98	535053	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.14	95	204665	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	177943	53.50	ug/l	99
3) Chloromethane	1.32	50	167802	51.80	ug/l	99
4) Vinyl Chloride	1.40	62	174989	51.76	ug/l	100
5) Bromomethane	1.64	94	86908	56.62	ug/l	100
6) Chloroethane	1.71	64	115960	51.89	ug/l	99
7) Trichlorofluoromethane	1.92	101	265223	52.13	ug/l	99
8) Diethyl Ether	2.19	74	105766	53.04	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	152068	50.98	ug/l	100
10) Methyl Iodide	2.51	142	234835	54.56	ug/l	100
11) Tert butyl alcohol	3.09	59	202473	270.41	ug/l	100
12) 1,1-Dichloroethene	2.37	96	144444	52.83	ug/l	97
13) Acrolein	2.30	56	40957	278.83	ug/l	95
14) Allyl chloride	2.73	41	268591	52.69	ug/l	99
15) Acrylonitrile	3.15	53	448665	265.18	ug/l	100
16) Acetone	2.45	43	412027	255.51	ug/l	100
17) Carbon Disulfide	2.57	76	360769	51.85	ug/l	99
18) Methyl Acetate	2.78	43	232815	54.95	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	504464	53.00	ug/l	99
20) Methylene Chloride	2.85	84	161141	50.47	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	153740	50.39	ug/l	99
22) Diisopropyl ether	3.88	45	505160	53.04	ug/l	99
23) Vinyl Acetate	3.83	43	2140517	269.67	ug/l	100
24) 1,1-Dichloroethane	3.70	63	269239	50.61	ug/l	100
25) 2-Butanone	4.72	43	618825	265.48	ug/l	99
26) 2,2-Dichloropropane	4.59	77	195762	47.65	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	170191	52.37	ug/l	96
28) Bromochloromethane	5.03	49	119104	51.63	ug/l	99
29) Tetrahydrofuran	5.18	42	399124	267.61	ug/l	100
30) Chloroform	5.22	83	292935	53.45	ug/l	100
31) Cyclohexane	5.58	56	240765	52.69	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	264218	55.16	ug/l	100
36) 1,1-Dichloropropene	5.81	75	212337	51.25	ug/l	99
37) Ethyl Acetate	4.87	43	236652	52.10	ug/l	100
38) Carbon Tetrachloride	5.79	117	238389	53.95	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	250785	51.20	ug/l	99
40) Benzene	6.15	78	638501	52.76	ug/l	100
41) Methacrylonitrile	5.07	41	134957	51.93	ug/l	100
42) 1,2-Dichloroethane	6.21	62	245110	52.70	ug/l	100
43) Isopropyl Acetate	6.48	43	375979	53.92	ug/l	99
44) Trichloroethene	7.22	130	191117	51.67	ug/l	97
45) 1,2-Dichloropropane	7.52	63	161812	53.63	ug/l	99
46) Dibromomethane	7.67	93	113029	52.92	ug/l	99
47) Bromodichloromethane	7.90	83	218104	55.18	ug/l	100
48) Methyl methacrylate	7.79	41	205750	54.19	ug/l	99
49) 1,4-Dioxane	7.76	88	89829	1095.16	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1270161	274.14	ug/l	99
52) Toluene	8.79	92	426153	53.85	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	252354	56.49	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	234330	50.70	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	170460	53.47	ug/l	98
56) Ethyl methacrylate	9.19	69	256153	55.74	ug/l	100
57) 1,3-Dichloropropane	9.38	76	278968	52.92	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	625407	277.46	ug/l	99
59) 2-Hexanone	9.51	43	961950	271.13	ug/l	100
60) Dibromochloromethane	9.59	129	184254	56.44	ug/l	100
61) 1,2-Dibromoethane	9.68	107	180467	53.91	ug/l	99
64) Tetrachloroethene	9.34	164	228786	52.96	ug/l	99
65) Chlorobenzene	10.15	112	477884	52.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	181561	55.84	ug/l	98
67) Ethyl Benzene	10.26	91	791660	53.14	ug/l	100
68) m/p-Xylenes	10.37	106	636640	108.15	ug/l	100
69) o-Xylene	10.71	106	309184	54.04	ug/l	99
70) Styrene	10.72	104	516027	55.52	ug/l	99
71) Bromoform	10.87	173	150188	48.17	ug/l #	99
73) Isopropylbenzene	11.02	105	829330	53.58	ug/l	100
74) N-amyl acetate	6.48	43	375979	53.48	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	247352	54.11	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	242015m	53.37	ug/l	
77) Bromobenzene	11.26	156	236120	52.47	ug/l	99
78) n-propylbenzene	11.37	91	923541	54.79	ug/l	100
79) 2-Chlorotoluene	11.43	91	548175	52.85	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	698918	54.23	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	67189	47.48	ug/l	98
82) 4-Chlorotoluene	11.52	91	646287	54.01	ug/l	100
83) tert-Butylbenzene	11.77	119	699194	54.53	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	724016	54.66	ug/l	100
85) sec-Butylbenzene	11.95	105	841999	54.71	ug/l	100
86) p-Isopropyltoluene	12.07	119	775399	54.92	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	421798	52.43	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	430498	52.47	ug/l	100
89) n-Butylbenzene	12.40	91	631399	53.97	ug/l	100
90) Hexachloroethane	12.60	117	118762	55.86	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	433824	53.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	58588	58.33	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	323282	53.98	ug/l	100
94) Hexachlorobutadiene	13.79	225	169709	51.79	ug/l	99
95) Naphthalene	13.84	128	942554	56.91	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	335229	54.55	ug/l	100

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

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