

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002178.D
 Acq On : 31 May 2018 15:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/1/2018 6:37:08 PM

Quant Time: May 31 17:09:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336330	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	215013	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	174412	40.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.20%	
35) Dibromofluoromethane	5.51	113	135956	40.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.84%	
50) Toluene-d8	8.72	98	507868	41.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.42%	
62) 4-Bromofluorobenzene	11.14	95	201630	42.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	122282	40.259	ug/l	98
3) Chloromethane	1.32	50	155931	42.168	ug/l	99
4) Vinyl Chloride	1.41	62	168565	47.211	ug/l	100
5) Bromomethane	1.64	94	85062	51.792	ug/l	99
6) Chloroethane	1.72	64	108190	51.401	ug/l	99
7) Trichlorofluoromethane	1.93	101	276752	51.614	ug/l	99
8) Diethyl Ether	2.19	74	105062	54.003	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	154015	51.475	ug/l	97
10) Methyl Iodide	2.51	142	174733	43.161	ug/l	98
11) Tert butyl alcohol	3.08	59	221417	262.566	ug/l	98
12) 1,1-Dichloroethene	2.37	96	141175	50.396	ug/l	95
13) Acrolein	2.30	56	69879	191.657	ug/l	98
14) Allyl chloride	2.73	41	304659	51.811	ug/l	98
15) Acrylonitrile	3.15	53	464031	267.592	ug/l	99
16) Acetone	2.45	43	450493	271.713	ug/l	100
17) Carbon Disulfide	2.57	76	353354	43.828	ug/l	100
18) Methyl Acetate	2.78	43	233251	58.595	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	556472	52.816	ug/l	99
20) Methylene Chloride	2.86	84	163792	57.300	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	150664	55.415	ug/l	99
22) Diisopropyl ether	3.88	45	553654	46.289	ug/l	100
23) Vinyl Acetate	3.83	43	2416010	243.627	ug/l	99
24) 1,1-Dichloroethane	3.70	63	274684	48.346	ug/l	99
25) 2-Butanone	4.71	43	662000	217.852	ug/l	100
26) 2,2-Dichloropropane	4.59	77	231036	40.174	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	163576	44.780	ug/l	97
28) Bromochloromethane	5.03	49	143900	60.712	ug/l	99
29) Tetrahydrofuran	5.17	42	430061	217.525	ug/l	99
30) Chloroform	5.22	83	287580	44.926	ug/l	100
31) Cyclohexane	5.58	56	254091	42.924	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	258134	43.256	ug/l	99
36) 1,1-Dichloropropene	5.81	75	210285	44.950	ug/l	99
37) Ethyl Acetate	4.87	43	258227	42.339	ug/l	99
38) Carbon Tetrachloride	5.79	117	226616	41.540	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	257094	44.732	ug/l	98
40) Benzene	6.15	78	634520	46.296	ug/l	100
41) Methacrylonitrile	5.07	41	146115	45.270	ug/l	99
42) 1,2-Dichloroethane	6.20	62	246458	45.018	ug/l	100
43) Isopropyl Acetate	6.47	43	441394	43.434	ug/l	99
44) Trichloroethene	7.22	130	182093	45.592	ug/l	99
45) 1,2-Dichloropropane	7.52	63	172669	46.390	ug/l	99
46) Dibromomethane	7.67	93	110921	45.011	ug/l	98
47) Bromodichloromethane	7.90	83	215021	40.922	ug/l	100
48) Methyl methacrylate	7.78	41	223848	43.279	ug/l	97
49) 1,4-Dioxane	7.76	88	81895	898.527	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1411504	230.412	ug/l	100
52) Toluene	8.79	92	415078	47.588	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	263779	43.587	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	248888	42.205	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	166988	45.828	ug/l	99
56) Ethyl methacrylate	9.19	69	272406	43.464	ug/l	98
57) 1,3-Dichloropropane	9.38	76	278325	46.367	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	611962	220.298	ug/l	99
59) 2-Hexanone	9.50	43	1080426	228.731	ug/l	100
60) Dibromochloromethane	9.59	129	177424	41.109	ug/l	99
61) 1,2-Dibromoethane	9.68	107	178165	46.599	ug/l	100
64) Tetrachloroethene	9.34	164	209195	46.538	ug/l	98
65) Chlorobenzene	10.15	112	466933	47.008	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	174998	43.629	ug/l	100
67) Ethyl Benzene	10.26	91	814183	47.177	ug/l	100
68) m/p-Xylenes	10.37	106	630538	95.577	ug/l	99
69) o-Xylene	10.70	106	309914	47.048	ug/l	99
70) Styrene	10.72	104	515178	47.159	ug/l	100
71) Bromoform	10.86	173	142287	37.411	ug/l #	100
73) Isopropylbenzene	11.02	105	841839	46.236	ug/l	100
74) N-amyl acetate	6.47	43	441394	46.511	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	246327	49.452	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	221608m	42.910	ug/l	
77) Bromobenzene	11.26	156	222344	46.027	ug/l	97
78) n-propylbenzene	11.37	91	948750	46.525	ug/l	100
79) 2-Chlorotoluene	11.43	91	569380	50.942	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	712358	45.781	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	76775	35.729	ug/l	91
82) 4-Chlorotoluene	11.52	91	673029	46.794	ug/l	100
83) tert-Butylbenzene	11.77	119	692317	45.341	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	734884	45.703	ug/l	100
85) sec-Butylbenzene	11.95	105	856391	46.658	ug/l	99
86) p-Isopropyltoluene	12.07	119	767766	46.745	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	402948	46.577	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	405663	46.902	ug/l	100
89) n-Butylbenzene	12.39	91	662805	47.625	ug/l	100
90) Hexachloroethane	12.60	117	119830	36.987	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	413303	46.888	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	60011	37.071	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	294706	46.756	ug/l	99
94) Hexachlorobutadiene	13.79	225	156793	46.244	ug/l	100
95) Naphthalene	13.84	128	887099	45.682	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	302825	46.432	ug/l	100

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

