

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001480.D
 Acq On : 07 May 2018 22:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/9/2018 5:47:35 PM

Quant Time: May 08 07:18:43 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	246831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	179840	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	5.51	113	147241	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	8.72	98	533978	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.14	95	202757	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	171017	51.47	ug/l	99
3) Chloromethane	1.32	50	163550	50.54	ug/l	100
4) Vinyl Chloride	1.40	62	170510	50.49	ug/l	99
5) Bromomethane	1.64	94	86938	56.70	ug/l	99
6) Chloroethane	1.71	64	114544	51.31	ug/l	98
7) Trichlorofluoromethane	1.92	101	262172	51.58	ug/l	99
8) Diethyl Ether	2.19	74	105844	53.13	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	148672	49.89	ug/l	99
10) Methyl Iodide	2.51	142	227867	53.00	ug/l	100
11) Tert butyl alcohol	3.09	59	201197	268.98	ug/l	99
12) 1,1-Dichloroethene	2.37	96	141441	51.79	ug/l	98
13) Acrolein	2.30	56	41311	281.64	ug/l	95
14) Allyl chloride	2.73	41	266547	52.34	ug/l	99
15) Acrylonitrile	3.15	53	453342	268.21	ug/l	99
16) Acetone	2.45	43	402061	249.58	ug/l	100
17) Carbon Disulfide	2.57	76	351025	50.50	ug/l	100
18) Methyl Acetate	2.78	43	235802	55.71	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	509363	53.56	ug/l	99
20) Methylene Chloride	2.85	84	163124	51.14	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	153491	50.36	ug/l	96
22) Diisopropyl ether	3.88	45	505384	53.12	ug/l	99
23) Vinyl Acetate	3.83	43	2136223	269.40	ug/l	100
24) 1,1-Dichloroethane	3.70	63	262034	49.30	ug/l	99
25) 2-Butanone	4.72	43	615263	264.21	ug/l	99
26) 2,2-Dichloropropane	4.59	77	181861	44.31	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	168060	51.77	ug/l	97
28) Bromochloromethane	5.03	49	125039	54.26	ug/l	99
29) Tetrahydrofuran	5.17	42	400033	268.49	ug/l	100
30) Chloroform	5.22	83	294427	53.78	ug/l	96
31) Cyclohexane	5.57	56	231667	50.75	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	260020	54.34	ug/l	99
36) 1,1-Dichloropropene	5.80	75	208264	50.76	ug/l	99
37) Ethyl Acetate	4.87	43	239363	53.22	ug/l	99
38) Carbon Tetrachloride	5.79	117	232370	53.11	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241138	49.71	ug/l	99
40) Benzene	6.15	78	634329	52.93	ug/l	100
41) Methacrylonitrile	5.07	41	135854	52.80	ug/l	99
42) 1,2-Dichloroethane	6.21	62	247069	53.64	ug/l	100
43) Isopropyl Acetate	6.48	43	377309	54.65	ug/l	99
44) Trichloroethene	7.22	130	189414	51.71	ug/l	99
45) 1,2-Dichloropropane	7.52	63	160032	53.57	ug/l	97
46) Dibromomethane	7.67	93	112456	53.17	ug/l	99
47) Bromodichloromethane	7.90	83	216238	55.25	ug/l	100
48) Methyl methacrylate	7.79	41	202585	53.89	ug/l	98
49) 1,4-Dioxane	7.76	88	88966	1095.39	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1287460	280.63	ug/l	100
52) Toluene	8.79	92	418263	53.38	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	246390	55.70	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	228889	50.05	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	170740	54.09	ug/l	99
56) Ethyl methacrylate	9.19	69	253606	55.73	ug/l	98
57) 1,3-Dichloropropane	9.38	76	282165	54.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	618820	277.26	ug/l	99
59) 2-Hexanone	9.51	43	985615	280.56	ug/l	99
60) Dibromochloromethane	9.59	129	184181	56.97	ug/l	99
61) 1,2-Dibromoethane	9.68	107	181207	54.67	ug/l	100
64) Tetrachloroethene	9.34	164	230800	52.99	ug/l	99
65) Chlorobenzene	10.15	112	476352	51.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	180193	54.97	ug/l	100
67) Ethyl Benzene	10.26	91	780010	51.93	ug/l	99
68) m/p-Xylenes	10.37	106	631014	106.32	ug/l	100
69) o-Xylene	10.71	106	306104	53.07	ug/l	98
70) Styrene	10.72	104	512685	54.71	ug/l	100
71) Bromoform	10.86	173	151564	48.21	ug/l	100
73) Isopropylbenzene	11.02	105	826851	52.39	ug/l	100
74) N-amyl acetate	6.48	43	377309	52.63	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	246122	52.80	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	242733m	52.49	ug/l	
77) Bromobenzene	11.26	156	233909	50.97	ug/l	100
78) n-propylbenzene	11.37	91	914709	53.22	ug/l	99
79) 2-Chlorotoluene	11.43	91	546181	51.64	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	693540	52.78	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	65094	45.32	ug/l	97
82) 4-Chlorotoluene	11.52	91	640951	52.53	ug/l	100
83) tert-Butylbenzene	11.77	119	672378	51.42	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	717692	53.14	ug/l	100
85) sec-Butylbenzene	11.95	105	834457	53.17	ug/l	99
86) p-Isopropyltoluene	12.07	119	772059	53.62	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	421429	51.38	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	428949	51.27	ug/l	100
89) n-Butylbenzene	12.40	91	624230	52.33	ug/l	100
90) Hexachloroethane	12.60	117	118356	54.59	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	432004	51.76	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	58022	56.65	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	320360	52.46	ug/l	99
94) Hexachlorobutadiene	13.79	225	170175	50.93	ug/l	99
95) Naphthalene	13.84	128	935807	55.41	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	332255	53.02	ug/l	100

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

