

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001735.D
 Acq On : 15 May 2018 10:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/16/2018 11:54:12 AM

Quant Time: May 16 04:14:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	342483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	429533	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	376090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257394	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	212050	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
35) Dibromofluoromethane	5.51	113	180171	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	8.72	98	685457	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
62) 4-Bromofluorobenzene	11.14	95	237231	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	186329	54.21	ug/l	99
3) Chloromethane	1.32	50	183037	49.30	ug/l	100
4) Vinyl Chloride	1.40	62	205941	51.31	ug/l	99
5) Bromomethane	1.64	94	82636	48.84	ug/l	99
6) Chloroethane	1.72	64	130524	51.63	ug/l	98
7) Trichlorofluoromethane	1.93	101	310965	53.32	ug/l	99
8) Diethyl Ether	2.19	74	122683	51.10	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	189685	54.02	ug/l	100
10) Methyl Iodide	2.51	142	109769	33.98	ug/l	100
11) Tert butyl alcohol	3.07	59	193987	238.02	ug/l	100
12) 1,1-Dichloroethene	2.37	96	172491	50.96	ug/l	99
13) Acrolein	2.29	56	157147	271.86	ug/l	100
14) Allyl chloride	2.73	41	323383	51.68	ug/l	99
15) Acrylonitrile	3.15	53	492341	240.51	ug/l	100
16) Acetone	2.45	43	494800	274.43	ug/l	100
17) Carbon Disulfide	2.57	76	455604	51.60	ug/l	99
18) Methyl Acetate	2.78	43	262030	49.71	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	581135	50.93	ug/l	100
20) Methylene Chloride	2.86	84	191115	49.52	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	188469	50.54	ug/l	98
22) Diisopropyl ether	3.87	45	609710	50.80	ug/l	97
23) Vinyl Acetate	3.82	43	2081726	240.71	ug/l	100
24) 1,1-Dichloroethane	3.70	63	337595	51.28	ug/l	100
25) 2-Butanone	4.71	43	706037	255.77	ug/l	98
26) 2,2-Dichloropropane	4.59	77	287430	54.24	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	214704	50.60	ug/l	99
28) Bromochloromethane	5.03	49	160930	55.04	ug/l	99
29) Tetrahydrofuran	5.17	42	437193	242.97	ug/l	100
30) Chloroform	5.22	83	353897	51.18	ug/l	99
31) Cyclohexane	5.57	56	320044	55.47	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	317964	53.21	ug/l	100
36) 1,1-Dichloropropene	5.80	75	274504	55.51	ug/l	100
37) Ethyl Acetate	4.87	43	265618	51.55	ug/l	100
38) Carbon Tetrachloride	5.79	117	292766	56.52	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	349407	60.48	ug/l	100
40) Benzene	6.15	78	795251	54.59	ug/l	99
41) Methacrylonitrile	5.07	41	155027	52.02	ug/l	99
42) 1,2-Dichloroethane	6.20	62	279622	53.07	ug/l	100
43) Isopropyl Acetate	6.47	43	429248	53.22	ug/l	100
44) Trichloroethene	7.21	130	248059	54.86	ug/l	98
45) 1,2-Dichloropropane	7.52	63	196305	54.91	ug/l	99
46) Dibromomethane	7.67	93	133237	53.08	ug/l	98
47) Bromodichloromethane	7.90	83	267416	57.41	ug/l	97
48) Methyl methacrylate	7.78	41	230351	54.26	ug/l	99
49) 1,4-Dioxane	7.76	88	90465	1106.78	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1384241	270.83	ug/l	100
52) Toluene	8.79	92	530243	56.64	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	321382	58.64	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	296759	61.43	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	196819	55.00	ug/l	99
56) Ethyl methacrylate	9.19	69	298497	58.82	ug/l	100
57) 1,3-Dichloropropane	9.38	76	314275	52.46	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	778968	298.42	ug/l	100
59) 2-Hexanone	9.50	43	996851	272.46	ug/l	100
60) Dibromochloromethane	9.59	129	211599	57.75	ug/l	99
61) 1,2-Dibromoethane	9.68	107	200374	53.49	ug/l	99
64) Tetrachloroethene	9.34	164	271343	55.42	ug/l	98
65) Chlorobenzene	10.15	112	556681	53.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	205519	56.25	ug/l	99
67) Ethyl Benzene	10.26	91	935056	56.56	ug/l	99
68) m/p-Xylenes	10.37	106	751926	115.27	ug/l	100
69) o-Xylene	10.70	106	359041	57.47	ug/l	99
70) Styrene	10.72	104	595793	57.83	ug/l	100
71) Bromoform	10.86	173	171847	50.50	ug/l	99
73) Isopropylbenzene	11.02	105	962819	56.80	ug/l	100
74) N-amyl acetate	6.47	43	429248	52.82	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	261428	51.41	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	261016m	53.33	ug/l	
77) Bromobenzene	11.26	156	272342	54.68	ug/l	99
78) n-propylbenzene	11.37	91	1108713	58.06	ug/l	99
79) 2-Chlorotoluene	11.43	91	634845	55.58	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	806964	58.03	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	80514	49.09	ug/l	98
82) 4-Chlorotoluene	11.52	91	750093	55.75	ug/l	99
83) tert-Butylbenzene	11.77	119	790834	57.15	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	837946	58.19	ug/l	100
85) sec-Butylbenzene	11.95	105	999174	58.49	ug/l	100
86) p-Isopropyltoluene	12.07	119	933143	59.03	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	506105	54.94	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	513164	53.88	ug/l	99
89) n-Butylbenzene	12.40	91	813989	59.54	ug/l	100
90) Hexachloroethane	12.60	117	146798	59.80	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	495727	54.01	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59053	54.41	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	418486	57.20	ug/l	100
94) Hexachlorobutadiene	13.79	225	223132	56.81	ug/l	100
95) Naphthalene	13.84	128	1063060	55.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	410771	55.76	ug/l	100

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

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