

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\
 Data File : VX001315.D
 Acq On : 02 May 2018 13:21
 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
 5/3/2018 12:21:18 PM

Quant Time: May 03 05:16:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	224450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	217051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151876	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	117982	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	5.51	113	99669	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
50) Toluene-d8	8.72	98	368770	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
62) 4-Bromofluorobenzene	11.14	95	143317	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	101598	53.75	ug/l	98
3) Chloromethane	1.32	50	93678	50.48	ug/l	97
4) Vinyl Chloride	1.40	62	101279	51.85	ug/l	99
5) Bromomethane	1.64	94	72612	49.84	ug/l	98
6) Chloroethane	1.72	64	67485	54.65	ug/l	100
7) Trichlorofluoromethane	1.92	101	180862	54.86	ug/l	100
8) Diethyl Ether	2.19	74	62701	55.39	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101517	53.40	ug/l	98
10) Methyl Iodide	2.51	142	151823	71.26	ug/l	99
11) Tert butyl alcohol	3.09	59	129445	318.08	ug/l	99
12) 1,1-Dichloroethene	2.37	96	91832	53.57	ug/l	95
13) Acrolein	2.30	56	54382	232.08	ug/l	99
14) Allyl chloride	2.73	41	166630	55.56	ug/l	100
15) Acrylonitrile	3.16	53	279024	295.82	ug/l	99
16) Acetone	2.45	43	286710	283.96	ug/l	100
17) Carbon Disulfide	2.57	76	221053	49.50	ug/l	98
18) Methyl Acetate	2.78	43	147475	61.84	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	324488	55.58	ug/l	99
20) Methylene Chloride	2.86	84	101115	55.68	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	97169	52.08	ug/l	99
22) Diisopropyl ether	3.88	45	297055	51.43	ug/l	99
23) Vinyl Acetate	3.83	43	1289133	263.39	ug/l	99
24) 1,1-Dichloroethane	3.70	63	180539	56.11	ug/l	99
25) 2-Butanone	4.72	43	375254	274.87	ug/l	98
26) 2,2-Dichloropropane	4.59	77	132493	50.61	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	102812	50.14	ug/l	99
28) Bromochloromethane	5.03	49	80841	55.90	ug/l	97
29) Tetrahydrofuran	5.18	42	237718	283.12	ug/l	99
30) Chloroform	5.23	83	177371	52.16	ug/l	97
31) Cyclohexane	5.58	56	141740	48.78	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	155523	52.32	ug/l	100
36) 1,1-Dichloropropene	5.81	75	127784	49.33	ug/l	99
37) Ethyl Acetate	4.87	43	142169	54.35	ug/l	100
38) Carbon Tetrachloride	5.79	117	142849	52.64	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	151306	49.39	ug/l	98
40) Benzene	6.15	78	383384	51.45	ug/l	99
41) Methacrylonitrile	5.07	41	81234	53.32	ug/l	98
42) 1,2-Dichloroethane	6.20	62	145398	50.39	ug/l	99
43) Isopropyl Acetate	6.48	43	230580	54.45	ug/l	99
44) Trichloroethene	7.22	130	116049	50.87	ug/l	95
45) 1,2-Dichloropropane	7.53	63	98909	51.68	ug/l	99
46) Dibromomethane	7.67	93	69969	52.16	ug/l	99
47) Bromodichloromethane	7.90	83	129705	54.08	ug/l	98
48) Methyl methacrylate	7.79	41	120984	53.74	ug/l	99
49) 1,4-Dioxane	7.76	88	51733	1217.74	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	785801	287.82	ug/l	99
52) Toluene	8.79	92	255292	52.41	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	152539	53.48	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	143892	54.83	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	105112	53.42	ug/l	97
56) Ethyl methacrylate	9.19	69	154033	56.50	ug/l	99
57) 1,3-Dichloropropane	9.38	76	167730	52.99	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	385685	293.21	ug/l	100
59) 2-Hexanone	9.51	43	620236	290.66	ug/l	100
60) Dibromochloromethane	9.59	129	114814	55.94	ug/l	99
61) 1,2-Dibromoethane	9.68	107	112918	54.14	ug/l	99
64) Tetrachloroethene	9.34	164	139971	54.43	ug/l	99
65) Chlorobenzene	10.15	112	300098	50.84	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	111522	54.42	ug/l	100
67) Ethyl Benzene	10.26	91	497964	51.19	ug/l	100
68) m/p-Xylenes	10.37	106	397522	103.86	ug/l	99
69) o-Xylene	10.71	106	193560	52.14	ug/l	99
70) Styrene	10.72	104	320744	52.83	ug/l	99
71) Bromoform	10.87	173	95744	48.50	ug/l #	99
73) Isopropylbenzene	11.02	105	521899	51.37	ug/l	100
74) N-amyl acetate	6.48	43	230580	52.90	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	159068	52.26	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	152648m	54.35	ug/l	
77) Bromobenzene	11.26	156	151736	51.78	ug/l	100
78) n-propylbenzene	11.37	91	586634	51.95	ug/l	100
79) 2-Chlorotoluene	11.43	91	351334	51.57	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	450309	52.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	41317	48.05	ug/l	97
82) 4-Chlorotoluene	11.52	91	418662	51.09	ug/l	100
83) tert-Butylbenzene	11.77	119	436257	51.27	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	465664	53.26	ug/l	100
85) sec-Butylbenzene	11.95	105	536312	52.68	ug/l	100
86) p-Isopropyltoluene	12.07	119	495993	53.11	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	273328	49.95	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	282932	50.16	ug/l	99
89) n-Butylbenzene	12.40	91	418066	51.29	ug/l	100
90) Hexachloroethane	12.60	117	72622	53.70	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	279525	51.33	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	35934	58.41	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	208399	47.57	ug/l	99
94) Hexachlorobutadiene	13.79	225	111459	48.63	ug/l	100
95) Naphthalene	13.84	128	601453	54.11	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	217294	50.53	ug/l	100

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

