

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041118\
 Data File : VX000770.D
 Acq On : 11 Apr 2018 11:15
 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
 4/12/2018 10:51:24 AM

Quant Time: Apr 11 13:57:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	415998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	394719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	271361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	167429	41.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.16%	
35) Dibromofluoromethane	5.51	113	144020	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	
50) Toluene-d8	8.72	98	527807	44.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.46%	
62) 4-Bromofluorobenzene	11.15	95	216182	43.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	186247	51.66	ug/l	99
3) Chloromethane	1.32	50	156859	50.75	ug/l	100
4) Vinyl Chloride	1.41	62	173461	49.89	ug/l	97
5) Bromomethane	1.64	94	79146	55.14	ug/l	98
6) Chloroethane	1.73	64	103360	49.05	ug/l	100
7) Trichlorofluoromethane	1.93	101	269945	51.46	ug/l	99
8) Diethyl Ether	2.19	74	94946	48.45	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	160623	51.93	ug/l	99
10) Methyl Iodide	2.51	142	128049	52.67	ug/l	99
11) Tert butyl alcohol	3.07	59	158107	221.14	ug/l	99
12) 1,1-Dichloroethene	2.38	96	144386	49.26	ug/l	98
13) Acrolein	2.29	56	66968	192.88	ug/l	99
14) Allyl chloride	2.73	41	265008	48.89	ug/l	100
15) Acrylonitrile	3.15	53	360929	236.78	ug/l	100
16) Acetone	2.45	43	321571	231.56	ug/l	100
17) Carbon Disulfide	2.57	76	422733	47.63	ug/l	100
18) Methyl Acetate	2.78	43	171126	47.62	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	486581	49.84	ug/l	99
20) Methylene Chloride	2.86	84	153355	47.48	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	155290	48.04	ug/l	96
22) Diisopropyl ether	3.87	45	486759	48.87	ug/l	96
23) Vinyl Acetate	3.83	43	2108619	241.10	ug/l	100
24) 1,1-Dichloroethane	3.70	63	273533	48.94	ug/l	100
25) 2-Butanone	4.71	43	534810	233.21	ug/l	99
26) 2,2-Dichloropropane	4.59	77	275226	49.61	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	181033	49.35	ug/l	99
28) Bromochloromethane	5.03	49	109464	48.63	ug/l	99
29) Tetrahydrofuran	5.17	42	336473	231.08	ug/l	100
30) Chloroform	5.22	83	296758	50.15	ug/l	99
31) Cyclohexane	5.58	56	265822	50.08	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	281988	50.02	ug/l	99
36) 1,1-Dichloropropene	5.81	75	232495	50.75	ug/l	99
37) Ethyl Acetate	4.87	43	212639	47.54	ug/l	100
38) Carbon Tetrachloride	5.79	117	262872	51.26	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	287395	52.24	ug/l	99
40) Benzene	6.15	78	651204	51.16	ug/l	100
41) Methacrylonitrile	5.07	41	125705	48.65	ug/l	99
42) 1,2-Dichloroethane	6.21	62	239234	50.32	ug/l	99
43) Isopropyl Acetate	6.47	43	376244	49.07	ug/l	99
44) Trichloroethene	7.22	130	200205	50.57	ug/l	97
45) 1,2-Dichloropropane	7.52	63	166258	51.29	ug/l	99
46) Dibromomethane	7.66	93	114425	50.63	ug/l	100
47) Bromodichloromethane	7.90	83	235548	51.64	ug/l	99
48) Methyl methacrylate	7.79	41	197349	49.65	ug/l	99
49) 1,4-Dioxane	7.76	88	73076	914.87	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1091713	242.37	ug/l	100
52) Toluene	8.79	92	430907	51.02	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	284919	52.08	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	276751	51.95	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	168221	50.17	ug/l	99
56) Ethyl methacrylate	9.19	69	258554	49.99	ug/l	99
57) 1,3-Dichloropropane	9.38	76	273445	51.30	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	506868	209.76	ug/l	99
59) 2-Hexanone	9.51	43	845216	243.07	ug/l	100
60) Dibromochloromethane	9.59	129	209846	52.31	ug/l	99
61) 1,2-Dibromoethane	9.68	107	179744	50.53	ug/l	100
64) Tetrachloroethene	9.34	164	199903	51.80	ug/l	100
65) Chlorobenzene	10.15	112	508103	51.17	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	194457	52.03	ug/l	99
67) Ethyl Benzene	10.26	91	851154	51.41	ug/l	100
68) m/p-Xylenes	10.37	106	674707	103.26	ug/l	100
69) o-Xylene	10.71	106	324842	51.58	ug/l	100
70) Styrene	10.72	104	550443	51.84	ug/l	100
71) Bromoform	10.87	173	181224	52.37	ug/l	99
73) Isopropylbenzene	11.02	105	887947	51.58	ug/l	100
74) N-amyl acetate	6.47	43	376244	48.53	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	244522	48.94	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	190327m	40.67	ug/l	
77) Bromobenzene	11.26	156	254516	50.45	ug/l	100
78) n-propylbenzene	11.37	91	1017928	51.69	ug/l	100
79) 2-Chlorotoluene	11.43	91	586035	50.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	761884	51.46	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	85219	50.09	ug/l	99
82) 4-Chlorotoluene	11.52	91	716103	50.98	ug/l	100
83) tert-Butylbenzene	11.77	119	787100	51.97	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	784387	51.32	ug/l	100
85) sec-Butylbenzene	11.95	105	927370	51.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	872384	52.36	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	474014	50.76	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	483358	50.51	ug/l	100
89) n-Butylbenzene	12.40	91	775947	52.76	ug/l	100
90) Hexachloroethane	12.60	117	147756	52.40	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	459429	50.96	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57891	46.25	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	397225	51.64	ug/l	99
94) Hexachlorobutadiene	13.79	225	202642	53.57	ug/l	100
95) Naphthalene	13.84	128	988739	50.07	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	386053	51.67	ug/l	99

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

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