

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042618\
 Data File : VX001140.D
 Acq On : 26 Apr 2018 19:11
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 4/30/2018 6:03:27 PM

Quant Time: Apr 27 01:41:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:18:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	312593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	217646	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	493527	166.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	333.28%	
35) Dibromofluoromethane	5.51	113	400071	165.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	331.64%	
50) Toluene-d8	8.73	98	1483189	165.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	331.84%	
62) 4-Bromofluorobenzene	11.15	95	618856	165.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	331.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	353223	132.03	ug/l	98
3) Chloromethane	1.32	50	377072	147.27	ug/l	99
4) Vinyl Chloride	1.40	62	385384	143.65	ug/l	98
5) Bromomethane	1.64	94	234214	140.62	ug/l	98
6) Chloroethane	1.70	64	213806	131.93	ug/l	99
7) Trichlorofluoromethane	1.92	101	617044	151.52	ug/l	100
8) Diethyl Ether	2.19	74	238967	156.34	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	343657	145.15	ug/l	99
10) Methyl Iodide	2.51	142	417947	208.04	ug/l	99
11) Tert butyl alcohol	3.11	59	526860	1070.97	ug/l	100
12) 1,1-Dichloroethene	2.37	96	331486	150.03	ug/l	99
13) Acrolein	2.30	56	200902	1210.34	ug/l	99
14) Allyl chloride	2.73	41	640626	158.41	ug/l	98
15) Acrylonitrile	3.16	53	1123658	916.51	ug/l	100
16) Acetone	2.46	43	994576	871.43	ug/l	98
17) Carbon Disulfide	2.56	76	928669	149.34	ug/l	100
18) Methyl Acetate	2.79	43	549623	166.01	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	1251965	164.83	ug/l	99
20) Methylene Chloride	2.86	84	382303	149.68	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	368122	148.88	ug/l	99
22) Diisopropyl ether	3.89	45	1289256	164.74	ug/l	100
23) Vinyl Acetate	3.84	43	5726495	871.97	ug/l	99
24) 1,1-Dichloroethane	3.70	63	652268	150.07	ug/l	99
25) 2-Butanone	4.73	43	1608910	907.81	ug/l	100
26) 2,2-Dichloropropane	4.59	77	531368	144.47	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	415099	150.91	ug/l	99
28) Bromochloromethane	5.03	49	291224	168.06	ug/l	99
29) Tetrahydrofuran	5.18	42	1044197	931.05	ug/l	100
30) Chloroform	5.23	83	716735	158.29	ug/l	98
31) Cyclohexane	5.58	56	560626	140.17	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	638528	158.26	ug/l	99
36) 1,1-Dichloropropene	5.81	75	513897	141.89	ug/l	99
37) Ethyl Acetate	4.88	43	634433	182.03	ug/l	99
38) Carbon Tetrachloride	5.79	117	568233	154.60	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	593796	142.03	ug/l	98
40) Benzene	6.15	78	1513629	148.72	ug/l	99
41) Methacrylonitrile	5.08	41	356198	165.56	ug/l	99
42) 1,2-Dichloroethane	6.21	62	607379	153.99	ug/l	100
43) Isopropyl Acetate	6.48	43	1051918	177.81	ug/l	100
44) Trichloroethene	7.22	130	442218	143.02	ug/l	96
45) 1,2-Dichloropropane	7.52	63	396193	154.14	ug/l	99
46) Dibromomethane	7.67	93	285369	158.20	ug/l	99
47) Bromodichloromethane	7.91	83	559963	168.59	ug/l	99
48) Methyl methacrylate	7.79	41	560320	176.68	ug/l	99
49) 1,4-Dioxane	7.77	88	213848	4233.60	ug/l	99
51) 4-Methyl-2-Pentanone	8.67	43	3522403	965.57	ug/l	100
52) Toluene	8.79	92	1020668	153.80	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	663262	167.42	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	663779	177.83	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	433359	162.60	ug/l	98
56) Ethyl methacrylate	9.19	69	714790	181.66	ug/l	98
57) 1,3-Dichloropropane	9.38	76	695095	157.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1576251	828.52	ug/l	100
59) 2-Hexanone	9.51	43	2795235	996.51	ug/l	99
60) Dibromochloromethane	9.59	129	516631	185.25	ug/l	100
61) 1,2-Dibromoethane	9.68	107	476110	168.78	ug/l	99
64) Tetrachloroethene	9.34	164	452097	141.67	ug/l	98
65) Chlorobenzene	10.15	112	1209745	151.06	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	466181	169.20	ug/l	100
67) Ethyl Benzene	10.26	91	2006467	151.45	ug/l	99
68) m/p-Xylenes	10.37	106	1612030	308.71	ug/l	99
69) o-Xylene	10.71	106	798739	158.18	ug/l	99
70) Styrene	10.72	104	1370622	164.89	ug/l	99
71) Bromoform	10.87	173	481092	211.30	ug/l	100
73) Isopropylbenzene	11.02	105	2109055	148.98	ug/l	99
74) N-amyl acetate	6.48	43	1051918	168.32	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	749254	182.23	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	682739m	175.83	ug/l	
77) Bromobenzene	11.26	156	635492	154.15	ug/l	99
78) n-propylbenzene	11.37	91	2363279	145.49	ug/l	99
79) 2-Chlorotoluene	11.43	91	1449848	150.41	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1846263	153.53	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	232929	215.59	ug/l	94
82) 4-Chlorotoluene	11.52	91	1753047	150.60	ug/l	99
83) tert-Butylbenzene	11.78	119	1890702	156.16	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	1891468	152.57	ug/l	98
85) sec-Butylbenzene	11.95	105	2142179	148.71	ug/l	99
86) p-Isopropyltoluene	12.07	119	2003015	150.06	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	1156129	150.50	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1175423	148.70	ug/l	99
89) n-Butylbenzene	12.40	91	1800426	152.24	ug/l	99
90) Hexachloroethane	12.60	117	337264	178.94	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	1172399	156.70	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	180875	205.79	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	923046	148.50	ug/l	100
94) Hexachlorobutadiene	13.79	225	437035	154.23	ug/l	99
95) Naphthalene	13.84	128	2618720	167.81	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	909852	150.44	ug/l	99

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

