

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001118.D
 Acq On : 29 Jan 2018 13:43
 Operator : JC/SY
 Sample : VSTDICC100
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 1/30/2018 5:46:54 PM

Quant Time: Jan 30 01:01:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 00:46:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	303375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	417456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	387345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	213372	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	289129	98.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.06%	
35) Dibromofluoromethane	7.88	113	272051	101.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.76%	
50) Toluene-d8	10.33	98	1032194	100.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.86%	
62) 4-Bromofluorobenzene	12.63	95	380808	100.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	247873	96.42	ug/l	98
3) Chloromethane	2.22	50	212066	94.43	ug/l	99
4) Vinyl Chloride	2.36	62	209333	93.63	ug/l	99
5) Bromomethane	2.72	94	122534	97.23	ug/l	98
6) Chloroethane	2.89	64	116395	91.74	ug/l	97
7) Trichlorofluoromethane	3.24	101	391891	94.33	ug/l	100
8) Diethyl Ether	3.67	74	103370	95.61	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.04	101	273674	99.02	ug/l	99
10) Methyl Iodide	4.25	142	319702	109.55	ug/l	100
11) Tert butyl alcohol	5.20	59	134492m	565.33	ug/l	
12) 1,1-Dichloroethene	4.02	96	234612	97.17	ug/l	98
13) Acrolein	3.89	56	203438	534.53	ug/l	98
14) Allyl chloride	4.66	41	361133	100.11	ug/l	99
15) Acrylonitrile	5.37	53	387858	528.43	ug/l	100
16) Acetone	4.13	43	420256	541.92	ug/l	99
17) Carbon Disulfide	4.35	76	738963	98.54	ug/l	99
18) Methyl Acetate	4.67	43	191482	105.93	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	647559	103.63	ug/l	98
20) Methylene Chloride	4.90	84	248923	99.50	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	261937	97.14	ug/l	100
22) Diisopropyl ether	6.32	45	688537	99.63	ug/l	99
23) Vinyl Acetate	6.26	43	2241256	541.29	ug/l	100
24) 1,1-Dichloroethane	6.21	63	434243	96.29	ug/l	98
25) 2-Butanone	7.18	43	554992	545.23	ug/l	98
26) 2,2-Dichloropropane	7.17	77	424500	95.16	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	283236	98.47	ug/l	100
28) Bromochloromethane	7.51	49	181687	99.12	ug/l	99
29) Tetrahydrofuran	7.53	42	321311	552.74	ug/l	99
30) Chloroform	7.67	83	466738	95.51	ug/l	99
31) Cyclohexane	7.95	56	404526	92.43	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	446271	96.52	ug/l	99
36) 1,1-Dichloropropene	8.08	75	371602	98.60	ug/l	99
37) Ethyl Acetate	7.26	43	206453	103.61	ug/l	99
38) Carbon Tetrachloride	8.06	117	417912	99.29	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	463917	104.25	ug/l	98
40) Benzene	8.32	78	1015583	97.32	ug/l	98
41) Methacrylonitrile	7.49	41	110486	99.96	ug/l	95
42) 1,2-Dichloroethane	8.40	62	322871	98.40	ug/l	100
43) Isopropyl Acetate	8.43	43	372966	108.81	ug/l	100
44) Trichloroethene	9.09	130	303370	96.83	ug/l	100
45) 1,2-Dichloropropane	9.37	63	248334	98.83	ug/l	98
46) Dibromomethane	9.46	93	157950	100.52	ug/l	100
47) Bromodichloromethane	9.65	83	354421	99.69	ug/l	99
48) Methyl methacrylate	9.44	41	183000	111.69	ug/l	99
49) 1,4-Dioxane	9.45	88	63139	2254.95	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	1054285	562.90	ug/l	99
52) Toluene	10.40	92	665485	99.32	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	380136	105.97	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	408288	101.95	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	221951	99.08	ug/l	99
56) Ethyl methacrylate	10.65	69	297010	113.10	ug/l	99
57) 1,3-Dichloropropane	10.94	76	367877	101.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	918951	500.59	ug/l	99
59) 2-Hexanone	10.98	43	834087	588.64	ug/l	100
60) Dibromochloromethane	11.13	129	279292	102.32	ug/l	99
61) 1,2-Dibromoethane	11.24	107	231155	102.33	ug/l	100
64) Tetrachloroethene	10.87	164	299437	96.14	ug/l	99
65) Chlorobenzene	11.66	112	761052	97.42	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	282536	99.04	ug/l	99
67) Ethyl Benzene	11.74	91	1316350	100.93	ug/l	98
68) m/p-Xylenes	11.85	106	1021499	201.04	ug/l	99
69) o-Xylene	12.18	106	479506	102.35	ug/l	99
70) Styrene	12.19	104	794550	103.18	ug/l	100
71) Bromoform	12.36	173	195633	106.14	ug/l #	98
73) Isopropylbenzene	12.48	105	1351426	101.12	ug/l	100
74) N-amyl acetate	12.29	43	341890	112.01	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	282582	103.37	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	208298m	80.11	ug/l	
77) Bromobenzene	12.76	156	336341	96.93	ug/l	96
78) n-propylbenzene	12.82	91	1593802	99.61	ug/l	100
79) 2-Chlorotoluene	12.91	91	906429	98.99	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	1161765	101.64	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	94332	114.70	ug/l	99
82) 4-Chlorotoluene	13.01	91	950669	97.38	ug/l	100
83) tert-Butylbenzene	13.22	119	1047060	103.67	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1180712	101.52	ug/l	99
85) sec-Butylbenzene	13.40	105	1451085	101.58	ug/l	100
86) p-Isopropyltoluene	13.51	119	1311137	103.23	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	659056	96.20	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	661352	96.08	ug/l	99
89) n-Butylbenzene	13.84	91	1228124	103.78	ug/l	99
90) Hexachloroethane	14.11	117	241535	101.98	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	614841	98.04	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	62928	114.12	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	479404	103.90	ug/l	100
94) Hexachlorobutadiene	15.26	225	291528	102.17	ug/l	99
95) Naphthalene	15.39	128	1037839	114.00	ug/l	99
96) 1,2,3-Trichlorobenzene	15.58	180	430776	101.24	ug/l	99

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

