

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001117.D
 Acq On : 29 Jan 2018 13:19
 Operator : JC/SY
 Sample : VSTDICCC050
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/30/2018 5:46:53 PM

Quant Time: Jan 30 01:00:37 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	317071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	437844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	405546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	224207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	151803	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
35) Dibromofluoromethane	7.88	113	142888	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	10.33	98	548173	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.63	95	200984	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	129457	48.18	ug/l	100
3) Chloromethane	2.22	50	108252	46.12	ug/l	100
4) Vinyl Chloride	2.36	62	110095	47.11	ug/l	100
5) Bromomethane	2.75	94	76902	55.82	ug/l	100
6) Chloroethane	2.90	64	61687	46.52	ug/l	100
7) Trichlorofluoromethane	3.25	101	203379	46.84	ug/l	100
8) Diethyl Ether	3.68	74	52344	46.32	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.04	101	142700	49.40	ug/l	100
10) Methyl Iodide	4.26	142	155515	50.99	ug/l	100
11) Tert butyl alcohol	5.19	59	61367m	246.81	ug/l	
12) 1,1-Dichloroethene	4.02	96	122017	48.35	ug/l	100
13) Acrolein	3.89	56	97203	244.37	ug/l	100
14) Allyl chloride	4.67	41	181972	48.27	ug/l	100
15) Acrylonitrile	5.37	53	181656	236.80	ug/l	100
16) Acetone	4.13	43	197192	243.30	ug/l	100
17) Carbon Disulfide	4.36	76	381547	48.68	ug/l	100
18) Methyl Acetate	4.68	43	90506	47.71	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	327003	50.07	ug/l	100
20) Methylene Chloride	4.90	84	132780	49.51	ug/l	100
21) trans-1,2-Dichloroethene	5.41	96	137813	48.90	ug/l	100
22) Diisopropyl ether	6.32	45	364946	50.53	ug/l	100
23) Vinyl Acetate	6.26	43	1119147	258.61	ug/l	100
24) 1,1-Dichloroethane	6.21	63	230896	48.99	ug/l	100
25) 2-Butanone	7.18	43	260654	245.01	ug/l	100
26) 2,2-Dichloropropane	7.17	77	221126	47.43	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	147987	49.23	ug/l	100
28) Bromochloromethane	7.51	49	93263	48.68	ug/l	100
29) Tetrahydrofuran	7.53	42	147283	242.42	ug/l	100
30) Chloroform	7.68	83	248652	48.68	ug/l	100
31) Cyclohexane	7.95	56	213736	46.73	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	236244	48.89	ug/l	100
36) 1,1-Dichloropropene	8.08	75	195344	49.42	ug/l	100
37) Ethyl Acetate	7.26	43	95774	45.83	ug/l	100
38) Carbon Tetrachloride	8.07	117	218791	49.56	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	239947	51.41	ug/l	100
40) Benzene	8.32	78	533913	48.78	ug/l	100
41) Methacrylonitrile	7.49	41	59130	51.01	ug/l	100
42) 1,2-Dichloroethane	8.40	62	167279	48.61	ug/l	100
43) Isopropyl Acetate	8.43	43	176698	49.15	ug/l	100
44) Trichloroethene	9.09	130	158666	48.28	ug/l	100
45) 1,2-Dichloropropane	9.37	63	130570	49.54	ug/l	100
46) Dibromomethane	9.46	93	81129	49.23	ug/l	100
47) Bromodichloromethane	9.65	83	186183	49.93	ug/l	100
48) Methyl methacrylate	9.45	41	87853	51.12	ug/l	100
49) 1,4-Dioxane	9.46	88	29468	1003.41	ug/l	100
51) 4-Methyl-2-Pentanone	10.22	43	492655	250.79	ug/l	100
52) Toluene	10.40	92	348630	49.61	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	193078	51.32	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	214147	50.98	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	115557	49.18	ug/l	100
56) Ethyl methacrylate	10.66	69	143663	52.16	ug/l	100
57) 1,3-Dichloropropane	10.94	76	189158	49.52	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	461443	251.86	ug/l	100
59) 2-Hexanone	10.98	43	386500	260.06	ug/l	100
60) Dibromochloromethane	11.13	129	143295	50.05	ug/l	100
61) 1,2-Dibromoethane	11.24	107	116380	49.12	ug/l	100
64) Tetrachloroethene	10.87	164	157467	48.29	ug/l	100
65) Chlorobenzene	11.66	112	397819	48.64	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	149254	49.97	ug/l	100
67) Ethyl Benzene	11.74	91	687455	50.35	ug/l	100
68) m/p-Xylenes	11.85	106	534231	100.42	ug/l	100
69) o-Xylene	12.18	106	249454	50.85	ug/l	100
70) Styrene	12.20	104	415363	51.52	ug/l	100
71) Bromoform	12.36	173	95607	49.54	ug/l	100
73) Isopropylbenzene	12.48	105	708881	50.48	ug/l	100
74) N-amyl acetate	12.29	43	162150	50.56	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	139495	48.56	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	101380m	37.11	ug/l	
77) Bromobenzene	12.76	156	179235	49.16	ug/l	100
78) n-propylbenzene	12.82	91	846211	50.33	ug/l	100
79) 2-Chlorotoluene	12.91	91	476920	49.56	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	603142	50.22	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	45106	52.19	ug/l	100
82) 4-Chlorotoluene	13.01	91	501224	48.86	ug/l	100
83) tert-Butylbenzene	13.22	119	541497	51.02	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	618972	50.65	ug/l	100
85) sec-Butylbenzene	13.40	105	761441	50.73	ug/l	100
86) p-Isopropyltoluene	13.52	119	683642	51.22	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	351577	48.84	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	348180	48.14	ug/l	100
89) n-Butylbenzene	13.84	91	639881	51.46	ug/l	100
90) Hexachloroethane	14.11	117	125078	50.26	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	320865	48.69	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27595	47.62	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	246873	50.92	ug/l	100
94) Hexachlorobutadiene	15.26	225	151080	50.39	ug/l	100
95) Naphthalene	15.39	128	502203	52.50	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	225334	50.40	ug/l	100

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

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