

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002281.D
 Acq On : 08 May 2018 01:01
 Operator : JC/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: May 08 03:31:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:17:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	359814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	337873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	185810	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	124625	61.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.26%	
35) Dibromofluoromethane	7.88	113	119042	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
50) Toluene-d8	10.33	98	450756	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
62) 4-Bromofluorobenzene	12.63	95	162757	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	45480	25.31	ug/l	100
3) Chloromethane	2.21	50	87175	51.59	ug/l	100
4) Vinyl Chloride	2.36	62	146313	77.10	ug/l	100
5) Bromomethane	2.78	94	112277	74.33	ug/l	100
6) Chloroethane	2.92	64	95145	83.01	ug/l	100
7) Trichlorofluoromethane	3.25	101	61161	19.35	ug/l	100
8) Diethyl Ether	3.67	74	65470	72.35	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	105676	49.95	ug/l	100
10) Methyl Iodide	4.26	142	173247	73.22	ug/l	100
11) Tert butyl alcohol	5.18	59	41025	326.11	ug/l	100
12) 1,1-Dichloroethene	4.03	96	103665	56.67	ug/l	100
13) Acrolein	3.88	56	35406	348.93	ug/l	100
14) Allyl chloride	4.65	41	155379	68.18	ug/l	100
15) Acrylonitrile	5.36	53	128793	376.36	ug/l	100
16) Acetone	4.12	43	112803	280.28	ug/l	100
17) Carbon Disulfide	4.37	76	305404	53.20	ug/l	100
18) Methyl Acetate	4.67	43	69298	78.32	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	183918	49.53	ug/l	100
20) Methylene Chloride	4.91	84	109811	48.30	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	113851	55.78	ug/l	100
22) Diisopropyl ether	6.31	45	338093	74.31	ug/l	100
23) Vinyl Acetate	6.25	43	1029959	425.20	ug/l	100
24) 1,1-Dichloroethane	6.21	63	202760	61.08	ug/l	100
25) 2-Butanone	7.17	43	175570	391.95	ug/l	100
26) 2,2-Dichloropropane	7.16	77	100035	32.25	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	125890	58.27	ug/l	100
28) Bromochloromethane	7.51	49	88236	75.69	ug/l	100
29) Tetrahydrofuran	7.53	42	114199	438.50	ug/l	100
30) Chloroform	7.68	83	212501	55.35	ug/l	100
31) Cyclohexane	7.95	56	175254	58.27	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	161714	43.89	ug/l	100
36) 1,1-Dichloropropene	8.08	75	162310	48.72	ug/l	100
37) Ethyl Acetate	7.26	43	78452	74.20	ug/l	100
38) Carbon Tetrachloride	8.07	117	157474	39.09	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	191133	50.40	ug/l	100
40) Benzene	8.32	78	473083	51.45	ug/l	100
41) Methacrylonitrile	7.48	41	49254	84.03	ug/l	100
42) 1,2-Dichloroethane	8.40	62	145161	51.20	ug/l	100
43) Isopropyl Acetate	8.43	43	151238	72.08	ug/l	100
44) Trichloroethene	9.09	130	127066	43.76	ug/l	100
45) 1,2-Dichloropropane	9.37	63	117467	56.07	ug/l	100
46) Dibromomethane	9.46	93	65990	55.30	ug/l	100
47) Bromodichloromethane	9.65	83	157613	49.33	ug/l	100
48) Methyl methacrylate	9.44	41	74053	72.88	ug/l	100
49) 1,4-Dioxane	9.45	88	20490	1118.70	ug/l	100
51) 4-Methyl-2-Pentanone	10.22	43	411445	389.89	ug/l	100
52) Toluene	10.40	92	303578	50.05	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	155384	53.85	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	176417	53.32	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	92327	52.72	ug/l	100
56) Ethyl methacrylate	10.65	69	118773	65.56	ug/l	100
57) 1,3-Dichloropropane	10.94	76	158446	57.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	284640	360.86	ug/l	100
59) 2-Hexanone	10.98	43	287287	379.74	ug/l	100
60) Dibromochloromethane	11.13	129	110986	47.11	ug/l	100
61) 1,2-Dibromoethane	11.24	107	91411	56.30	ug/l	100
64) Tetrachloroethene	10.87	164	127460	44.28	ug/l	100
65) Chlorobenzene	11.66	112	342793	47.76	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	123137	45.26	ug/l	100
67) Ethyl Benzene	11.74	91	591934	50.52	ug/l	100
68) m/p-Xylenes	11.85	106	460913	97.73	ug/l	100
69) o-Xylene	12.18	106	218352	51.43	ug/l	100
70) Styrene	12.19	104	366241	51.81	ug/l	100
71) Bromoform	12.36	173	71013	47.42	ug/l	# 100
73) Isopropylbenzene	12.48	105	597750	52.01	ug/l	100
74) N-amyl acetate	12.28	43	150606	80.87	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	113912	65.08	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	69316m	55.11	ug/l	
77) Bromobenzene	12.76	156	148230	49.30	ug/l	100
78) n-propylbenzene	12.82	91	719412	53.54	ug/l	100
79) 2-Chlorotoluene	12.90	91	408158	51.73	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	509271	50.76	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	31853	68.06	ug/l	100
82) 4-Chlorotoluene	13.00	91	433989	48.76	ug/l	100
83) tert-Butylbenzene	13.22	119	445510	50.59	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	531735	51.56	ug/l	100
85) sec-Butylbenzene	13.40	105	633443	51.87	ug/l	100
86) p-Isopropyltoluene	13.51	119	566578	50.46	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	297717	48.33	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	294594	47.93	ug/l	100
89) n-Butylbenzene	13.84	91	534697	53.18	ug/l	100
90) Hexachloroethane	14.10	117	100508	46.12	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	267060	49.62	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20294	61.89	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	192998	49.05	ug/l	100
94) Hexachlorobutadiene	15.25	225	108279	39.49	ug/l	100
95) Naphthalene	15.38	128	366439	62.49	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	172112	51.18	ug/l	100

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

