

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100419\
 Data File : VW013441.D
 Acq On : 04 Oct 2019 16:11
 Operator : SY/VA
 Sample : K5213-05
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-3(0-5)

Quant Time: Oct 05 04:54:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	6414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	9050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	6941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	2743	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	3399	70.97	ug/l	0.00
Spiked Amount			Recovery	=	141.94%	
35) Dibromofluoromethane	7.89	113	2919	61.47	ug/l	0.00
Spiked Amount			Recovery	=	122.94%	
50) Toluene-d8	10.33	98	10329	52.41	ug/l	0.00
Spiked Amount			Recovery	=	104.82%	
62) 4-Bromofluorobenzene	12.61	95	4566	69.38	ug/l	0.00
Spiked Amount			Recovery	=	138.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	162	3.957	ug/l #	42
5) Bromomethane	2.54	94	51	1.429	ug/l #	6
11) Tert butyl alcohol	5.15	59	676	164.429	ug/l #	73
13) Acrolein	3.80	56	38	18.093	ug/l #	15
16) Acetone	4.13	43	1236	84.198	ug/l	94
20) Methylene Chloride	4.92	84	284	2.950	ug/l #	53
25) 2-Butanone	7.16	43	51	2.715	ug/l #	51
26) 2,2-Dichloropropane	7.10	77	193	1.641	ug/l #	52
27) cis-1,2-Dichloroethene	7.16	96	243	3.692	ug/l #	68
31) Cyclohexane	7.96	56	1283	11.710	ug/l #	69
36) 1,1-Dichloropropene	7.96	75	309	3.676	ug/l #	54
37) Ethyl Acetate	7.16	43	51	1.521	ug/l #	1
38) Carbon Tetrachloride	7.95	117	701	9.627	ug/l #	14
39) Methylcyclohexane	9.34	83	4650	42.005	ug/l	88
41) Methacrylonitrile	7.73	41	89	3.979	ug/l #	24
43) Isopropyl Acetate	8.43	43	484	6.932	ug/l #	50
44) Trichloroethene	9.09	130	114	1.701	ug/l	38
47) Bromodichloromethane	9.63	83	146	2.084	ug/l #	26
48) Methyl methacrylate	9.44	41	173	5.157	ug/l #	13
51) 4-Methyl-2-Pentanone	10.21	43	465	12.676	ug/l #	44
55) 1,1,2-Trichloroethane	10.76	97	5410	127.443	ug/l #	22
56) Ethyl methacrylate	10.66	69	2242	39.238	ug/l #	41
59) 2-Hexanone	10.94	43	6537	257.090	ug/l #	30
60) Dibromochloromethane	11.16	129	215	4.427	ug/l	79
61) 1,2-Dibromoethane	11.40	107	70	1.706	ug/l	100
64) Tetrachloroethene	10.86	164	1927	36.492	ug/l	89
65) Chlorobenzene	11.56	112	214	1.505	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.71	131	76	1.569	ug/l #	1
68) m/p-Xylenes	11.86	106	105	1.067	ug/l #	1
71) Bromoform	12.37	173	121	4.608	ug/l #	1
73) Isopropylbenzene	12.47	105	797	3.972	ug/l	82
74) N-amyl acetate	12.25	43	25886	606.215	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.68	83	4711	138.720	ug/l #	26
76) 1,2,3-Trichloropropane	12.83	75	76	3.117	ug/l #	100

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77) Bromobenzene	12.77	156	353	7.327	ug/l #		1
78) n-propylbenzene	12.78	91	1489	6.452	ug/l		85
79) 2-Chlorotoluene	12.89	91	1056	8.238	ug/l #		40
80) 1,3,5-Trimethylbenzene	13.10	105	2792	16.751	ug/l		97
81) trans-1,4-Dichloro-2-buten	12.43	75	71	9.873	ug/l #		13
82) 4-Chlorotoluene	12.97	91	426	3.172	ug/l #		1
83) tert-Butylbenzene	13.19	119	1124	7.721	ug/l #		19
84) 1,2,4-Trimethylbenzene	13.27	105	1089	6.572	ug/l		85
85) sec-Butylbenzene	13.33	105	246	1.226	ug/l		99
86) p-Isopropyltoluene	13.51	119	782	4.204	ug/l #		13
87) 1,3-Dichlorobenzene	13.49	146	234	2.582	ug/l #		68
88) 1,4-Dichlorobenzene	13.59	146	127	1.399	ug/l #		1
89) n-Butylbenzene	13.82	91	1924	11.472	ug/l #		57
90) Hexachloroethane	14.10	117	4654	151.436	ug/l #		5
91) 1,2-Dichlorobenzene	13.86	146	94	1.173	ug/l #		1
92) 1,2-Dibromo-3-Chloropropan	14.49	75	215	42.326	ug/l #		59
93) 1,2,4-Trichlorobenzene	15.13	180	291	5.061	ug/l #		1
95) Naphthalene	15.39	128	672	6.928	ug/l #		79
96) 1,2,3-Trichlorobenzene	15.58	180	493	9.820	ug/l #		12

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

