

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031219\
 Data File : VW009125.D
 Acq On : 12 Mar 2019 15:49
 Operator : SY/VA
 Sample : K1807-21
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-18

Quant Time: Mar 13 01:53:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	4669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	6417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	4706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	891	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	3120	66.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.84%	
35) Dibromofluoromethane	7.88	113	2759	71.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.82%	
50) Toluene-d8	10.32	98	7036	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	
62) 4-Bromofluorobenzene	12.63	95	1516	24.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.54%	

Target Compounds

						Qvalue
3) Chloromethane	2.21	50	141	2.359	ug/l #	43
4) Vinyl Chloride	2.36	62	105	1.731	ug/l #	42
6) Chloroethane	2.90	64	143	3.311	ug/l	93
8) Diethyl Ether	3.67	74	56	2.345	ug/l	76
10) Methyl Iodide	4.28	142	71	4.447	ug/l #	83
11) Tert butyl alcohol	5.20	59	32	8.890	ug/l #	1
13) Acrolein	3.90	56	41	10.351	ug/l #	14
14) Allyl chloride	4.70	41	366	4.945	ug/l #	26
15) Acrylonitrile	5.40	53	86	8.251	ug/l #	16
16) Acetone	4.13	43	677	63.867	ug/l	98
20) Methylene Chloride	4.91	84	365	2.124	ug/l #	40
21) trans-1,2-Dichloroethene	5.46	96	95	1.961	ug/l #	33
25) 2-Butanone	7.19	43	108	7.372	ug/l #	50
26) 2,2-Dichloropropane	7.20	77	112	1.444	ug/l #	52
27) cis-1,2-Dichloroethene	7.19	96	94	1.806	ug/l #	1
29) Tetrahydrofuran	7.56	42	59	6.391	ug/l #	36
31) Cyclohexane	7.95	56	129	1.473	ug/l #	29
37) Ethyl Acetate	7.23	43	34	1.079	ug/l #	1
41) Methacrylonitrile	7.46	41	149	8.514	ug/l #	78
42) 1,2-Dichloroethane	8.47	62	70	1.211	ug/l #	76
43) Isopropyl Acetate	8.43	43	323	5.503	ug/l #	53
46) Dibromomethane	9.46	93	44	1.796	ug/l #	3
48) Methyl methacrylate	9.42	41	109	3.988	ug/l #	16
49) 1,4-Dioxane	9.45	88	102	290.738	ug/l #	1
51) 4-Methyl-2-Pentanone	10.30	43	78	2.618	ug/l	98
54) cis-1,3-Dichloropropene	10.12	75	105	1.490	ug/l #	30
55) 1,1,2-Trichloroethane	10.77	97	217	6.535	ug/l #	29
56) Ethyl methacrylate	10.65	69	47	1.140	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.93	63	59	2.762	ug/l #	46
59) 2-Hexanone	11.00	43	130	6.205	ug/l	80
61) 1,2-Dibromoethane	11.00	107	35	1.075	ug/l #	3
64) Tetrachloroethene	10.85	164	78	2.298	ug/l #	1
65) Chlorobenzene	11.65	112	275	2.685	ug/l #	41
67) Ethyl Benzene	11.74	91	199	1.075	ug/l #	43

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71) Bromoform	12.35	173	27	1.470	ug/l #	28
73) Isopropylbenzene	12.47	105	289	4.529	ug/l #	49
74) N-amyl acetate	12.27	43	122	8.077	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.71	83	80	7.949	ug/l #	26
76) 1,2,3-Trichloropropane	12.74	75	47	6.676	ug/l	18
77) Bromobenzene	12.71	156	44	3.018	ug/l #	1
78) n-propylbenzene	12.81	91	323	4.110	ug/l	84
79) 2-Chlorotoluene	12.90	91	170	3.850	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.95	105	208	3.782	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.62	75	913	290.092	ug/l #	7
82) 4-Chlorotoluene	13.00	91	158	3.357	ug/l #	41
83) tert-Butylbenzene	13.21	119	188	4.053	ug/l #	80
84) 1,2,4-Trimethylbenzene	13.26	105	221	3.972	ug/l	82
85) sec-Butylbenzene	13.39	105	356	5.180	ug/l #	56
86) p-Isopropyltoluene	13.49	119	235	3.822	ug/l #	33
87) 1,3-Dichlorobenzene	13.51	146	85	2.774	ug/l #	39
88) 1,4-Dichlorobenzene	13.58	146	298	9.842	ug/l #	60
89) n-Butylbenzene	13.83	91	199	3.405	ug/l #	65
90) Hexachloroethane	13.91	117	27	2.546	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	93	3.440	ug/l #	60
92) 1,2-Dibromo-3-Chloropropan	14.47	75	23	12.831	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.13	180	90	4.930	ug/l #	40
95) Naphthalene	15.38	128	140	4.685	ug/l #	68
96) 1,2,3-Trichlorobenzene	15.56	180	27	1.682	ug/l #	1

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

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