

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061319\  
 Data File : VD062698.D  
 Acq On : 13 Jun 2019 17:22  
 Operator : VA/AP  
 Sample : K3361-01  
 Misc : 5.63g/5ml/MSVOA D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 BAT-B10

Quant Time: Jun 14 06:47:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060719S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 08 00:02:21 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	9515	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	12782	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	9545	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	3497	50.00	ug/l	0.01

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.47	65	5974	43.51	ug/l	0.02
Spiked Amount	50.000		Recovery	=	87.02%	
35) Dibromofluoromethane	6.93	113	4369	32.41	ug/l	0.01
Spiked Amount	50.000		Recovery	=	64.82%	
50) Toluene-d8	10.41	98	7139	25.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.34%	
62) 4-Bromofluorobenzene	13.56	95	1953	14.76	ug/l	0.01
Spiked Amount	50.000		Recovery	=	29.52%	

## Target Compounds

						Qvalue
3) Chloromethane	1.74	50	332	3.526	ug/l #	42
5) Bromomethane	2.15	94	224	4.571	ug/l #	11
6) Chloroethane	2.31	64	198	4.131	ug/l #	1
10) Methyl Iodide	3.35	142	553	6.999	ug/l #	24
13) Acrolein	3.02	56	187	103.006	ug/l #	12
14) Allyl chloride	3.50	41	260	2.011	ug/l #	1
16) Acetone	3.22	43	981	39.018	ug/l #	66
19) Methyl tert-butyl Ether	4.22	73	209	1.019	ug/l #	61
23) Vinyl Acetate	5.01	43	208	1.249	ug/l #	81
25) 2-Butanone	6.05	43	190	7.746	ug/l #	61
37) Ethyl Acetate	6.05	43	190	4.174	ug/l #	74
38) Carbon Tetrachloride	7.05	117	869	3.758	ug/l #	14
43) Isopropyl Acetate	9.05	43	193	2.500	ug/l #	52
48) Methyl methacrylate	8.97	41	193	3.461	ug/l #	19
55) 1,1,2-Trichloroethane	11.26	97	217	3.295	ug/l #	17
57) 1,3-Dichloropropane	11.51	76	200	1.959	ug/l #	44
59) 2-Hexanone	11.51	43	211	5.252	ug/l #	32
68) m/p-Xylenes	12.68	106	450	3.419	ug/l #	52
81) trans-1,4-Dichloro-2-buten	13.56	75	1409	96.292	ug/l #	1
84) 1,2,4-Trimethylbenzene	14.24	105	734	3.403	ug/l #	35
85) sec-Butylbenzene	14.24	105	734	2.913	ug/l #	60
86) p-Isopropyltoluene	14.50	119	260	1.060	ug/l #	50
95) Naphthalene	16.12	128	258	5.342	ug/l #	71

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

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