

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061419\
 Data File : VD062709.D
 Acq On : 14 Jun 2019 14:23
 Operator : VA/AP
 Sample : K3351-03RE
 Misc : 6.72g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3425RE

Quant Time: Jun 15 04:37:09 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	8111	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	10367	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	10832	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	5745	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	4797	40.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.98%	
35) Dibromofluoromethane	6.92	113	3122	28.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.10%	
50) Toluene-d8	10.41	98	6238	27.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.24%	
62) 4-Bromofluorobenzene	13.55	95	4653	43.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.72%	

Target Compounds

						Qvalue
3) Chloromethane	1.77	50	1676	20.883	ug/l #	42
5) Bromomethane	2.18	94	2897	69.350	ug/l #	41
6) Chloroethane	2.29	64	390	9.545	ug/l #	58
10) Methyl Iodide	3.32	142	461	6.933	ug/l #	46
13) Acrolein	2.97	56	219	141.514	ug/l #	12
14) Allyl chloride	3.76	41	220	1.996	ug/l #	1
16) Acetone	3.21	43	1269	59.210	ug/l #	66
18) Methyl Acetate	3.70	43	193	5.480	ug/l #	64
23) Vinyl Acetate	5.22	43	204	1.437	ug/l #	81
25) 2-Butanone	6.05	43	207	9.900	ug/l #	61
29) Tetrahydrofuran	6.05	42	207	21.984	ug/l #	33
37) Ethyl Acetate	6.05	43	207	5.194	ug/l #	74
38) Carbon Tetrachloride	7.06	117	262	1.397	ug/l #	14
40) Benzene	7.41	78	367	1.584	ug/l #	46
41) Methacrylonitrile	6.36	41	208	3.349	ug/l #	34
43) Isopropyl Acetate	9.21	43	217	3.466	ug/l #	52
48) Methyl methacrylate	9.13	41	217	4.798	ug/l #	19
51) 4-Methyl-2-Pentanone	10.32	43	190	4.337	ug/l #	42
55) 1,1,2-Trichloroethane	11.24	97	361	6.758	ug/l #	17
59) 2-Hexanone	11.53	43	245	7.519	ug/l #	32
67) Ethyl Benzene	12.52	91	936	2.203	ug/l #	21
68) m/p-Xylenes	12.66	106	682	4.567	ug/l #	29
74) N-amyl acetate	13.23	43	250	2.284	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	13.67	83	188	2.713	ug/l #	27
77) Bromobenzene	13.67	156	230	1.987	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	1858	78.060	ug/l #	1
84) 1,2,4-Trimethylbenzene	14.23	105	1245	3.514	ug/l	86
85) sec-Butylbenzene	14.23	105	1245	3.008	ug/l #	60
87) 1,3-Dichlorobenzene	14.55	146	552	2.633	ug/l #	25
88) 1,4-Dichlorobenzene	14.55	146	552	2.786	ug/l #	25
89) n-Butylbenzene	14.80	91	877	2.419	ug/l #	30
93) 1,2,4-Trichlorobenzene	15.95	180	306	5.490	ug/l #	11
95) Naphthalene	16.11	128	930	7.603	ug/l #	71

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

