

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063537.D
 Acq On : 13 Aug 2019 19:48
 Operator : JC/SY
 Sample : K4319-05
 Misc : 5.57g/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-PIT-1

Quant Time: Aug 14 08:30:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	29758	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.23	114	45645	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	41132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	21039	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	21729	68.31	ug/l	0.00
Spiked Amount			Recovery	=		136.62%
35) Dibromofluoromethane	6.93	113	18049	46.95	ug/l	0.00
Spiked Amount			Recovery	=		93.90%
50) Toluene-d8	10.42	98	38473	45.52	ug/l	0.00
Spiked Amount			Recovery	=		91.04%
62) 4-Bromofluorobenzene	13.56	95	18220	47.56	ug/l	0.00
Spiked Amount			Recovery	=		95.12%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.75	50	584	2.076	ug/l #	51
5) Bromomethane	2.17	94	1118	8.485	ug/l #	50
6) Chloroethane	2.17	64	244	1.911	ug/l #	24
8) Diethyl Ether	2.70	74	185	2.392	ug/l	77
10) Methyl Iodide	3.31	142	866	1.892	ug/l #	29
13) Acrolein	3.04	56	394	28.907	ug/l #	1
14) Allyl chloride	3.63	41	567	1.569	ug/l #	8
15) Acrylonitrile	4.06	53	211	5.753	ug/l #	11
16) Acetone	3.22	43	5663	87.579	ug/l #	65
18) Methyl Acetate	3.74	43	198	1.617	ug/l #	57
20) Methylene Chloride	3.83	84	1832	6.552	ug/l #	30
25) 2-Butanone	6.19	43	184	2.881	ug/l #	58
28) Bromochloromethane	6.45	49	191	1.019	ug/l #	7
29) Tetrahydrofuran	6.48	42	223	7.494	ug/l #	1
31) Cyclohexane	7.04	56	719	2.503	ug/l #	1
37) Ethyl Acetate	6.19	43	184	1.088	ug/l #	73
38) Carbon Tetrachloride	7.05	117	2617	4.303	ug/l #	13
41) Methacrylonitrile	6.45	41	460	2.161	ug/l #	37
48) Methyl methacrylate	9.09	41	189	1.231	ug/l #	18
51) 4-Methyl-2-Pentanone	10.38	43	229	1.478	ug/l #	40
58) 2-Chloroethyl Vinyl ether	9.69	63	263	2.376	ug/l #	49
74) N-amyl acetate	13.06	43	443	1.319	ug/l #	53
81) trans-1,4-Dichloro-2-buten	13.55	75	8473	130.560	ug/l #	1
95) Naphthalene	16.13	128	1132	1.809	ug/l #	71

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

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