

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063248.D
 Acq On : 30 Jul 2019 18:11
 Operator : VA/AP
 Sample : K4043-15
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB203-GW-418-420

Quant Time: Jul 31 04:57:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	15236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	24173	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	22626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	11602	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	11660	68.97	ug/l	0.00
Spiked Amount			Recovery	=	137.94%	
35) Dibromofluoromethane	6.93	113	9297	45.05	ug/l	0.02
Spiked Amount			Recovery	=	90.10%	
50) Toluene-d8	10.41	98	19465	42.14	ug/l	0.00
Spiked Amount			Recovery	=	84.28%	
62) 4-Bromofluorobenzene	13.55	95	9144	43.44	ug/l	0.00
Spiked Amount			Recovery	=	86.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.76	50	746	5.156	ug/l #	46
5) Bromomethane	2.14	94	1184	15.672	ug/l #	12
6) Chloroethane	2.30	64	182	2.632	ug/l #	47
8) Diethyl Ether	2.72	74	252	6.196	ug/l	65
13) Acrolein	2.97	56	191	26.750	ug/l #	15
14) Allyl chloride	3.59	41	198	1.052	ug/l #	11
16) Acetone	3.20	43	1583	48.058	ug/l #	62
18) Methyl Acetate	3.65	43	201	3.177	ug/l #	60
24) 1,1-Dichloroethane	4.81	63	299	1.245	ug/l #	86
25) 2-Butanone	6.16	43	204	6.171	ug/l #	56
29) Tetrahydrofuran	6.44	42	188	12.012	ug/l #	33
31) Cyclohexane	7.04	56	608	4.037	ug/l #	18
36) 1,1-Dichloropropene	7.05	75	751	3.404	ug/l #	44
37) Ethyl Acetate	6.16	43	204	2.058	ug/l #	70
38) Carbon Tetrachloride	7.05	117	1960	5.901	ug/l #	11
43) Isopropyl Acetate	9.61	43	179	1.414	ug/l #	49
51) 4-Methyl-2-Pentanone	10.39	43	440	5.110	ug/l #	42
56) Ethyl methacrylate	10.91	69	199	1.750	ug/l #	13
71) Bromoform	13.23	173	208	1.492	ug/l #	36
74) N-amyl acetate	13.25	43	251	1.304	ug/l #	53
81) trans-1,4-Dichloro-2-buten	13.55	75	4226	109.210	ug/l #	3
95) Naphthalene	16.12	128	759	2.115	ug/l #	70

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

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