

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081619\
 Data File : VD063640.D
 Acq On : 16 Aug 2019 16:16
 Operator : JC/SY
 Sample : K4372-01RE
 Misc : 4.23g/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-COMPOSITE RE

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 10:56:18 AM

Quant Time: Aug 17 07:02:52 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	664009	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	911110	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	518523	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	139717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	403840	56.90	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	113.80%	
35) Dibromofluoromethane	6.92	113	410363	53.48	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	106.96%	
50) Toluene-d8	10.40	98	636926	37.75	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	75.50%	
62) 4-Bromofluorobenzene	13.55	95	172295	22.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.06%	
Target Compounds						
					Qvalue	
16) Acetone	3.22	43	228655	158.477	ug/l	98
20) Methylene Chloride	3.81	84	49401	7.918	ug/l #	87
25) 2-Butanone	6.07	43	27039	18.975	ug/l #	87
31) Cyclohexane	6.95	56	38256	5.969	ug/l #	78
40) Benzene	7.46	78	23003	1.298	ug/l #	83
52) Toluene	10.51	92	113725	9.961	ug/l	97
65) Chlorobenzene	12.39	112	291520	29.997	ug/l	97
67) Ethyl Benzene	12.52	91	201925	11.950	ug/l	92
68) m/p-Xylenes	12.67	106	16495	2.778	ug/l	74
69) o-Xylene	13.04	106	16412	2.872	ug/l	99
73) Isopropylbenzene	13.40	105	633886	71.329	ug/l	93
78) n-propylbenzene	13.77	91	66189	6.366	ug/l	93
80) 1,3,5-Trimethylbenzene	13.88	105	2328020	299.820	ug/l	71
84) 1,2,4-Trimethylbenzene	14.23	105	107244	14.927	ug/l	99
85) sec-Butylbenzene	14.36	105	18255	2.102	ug/l	81
86) p-Isopropyltoluene	14.49	119	172153	20.735	ug/l	95
87) 1,3-Dichlorobenzene	14.45	146	47743	10.867	ug/l	92
88) 1,4-Dichlorobenzene	14.54	146	96482	22.890	ug/l	98
89) n-Butylbenzene	14.78	91	18584m	2.453	ug/l	
95) Naphthalene	16.12	128	95483	22.972	ug/l	98

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

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