

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
 Data File : VD066139.D
 Acq On : 06 Aug 2020 17:22
 Operator : VA/SY
 Sample : L3563-01
 Misc : 2.43G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-30860

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 2:09:50 PM

Quant Time: Aug 07 04:11:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	262413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	444412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	380085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	86121	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	118931	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
35) Dibromofluoromethane	7.91	113	136076	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	
50) Toluene-d8	10.34	98	526148	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.64	95	140124	37.42	ug/l	0.00
Spiked Amount			Recovery	=	74.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.70	74	1362	1.163	ug/l	51
11) Tert butyl alcohol	5.22	59	229868	1505.730	ug/l	95
16) Acetone	4.15	43	5530837	12450.931	ug/l	99
17) Carbon Disulfide	4.40	76	67827	9.179	ug/l	100
25) 2-Butanone	7.21	43	227225	347.784	ug/l	97
31) Cyclohexane	7.96	56	440096	107.301	ug/l #	48
39) Methylcyclohexane	9.35	83	646418	128.047	ug/l	96
40) Benzene	8.35	78	108200	9.340	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	315923	188.657	ug/l	99
52) Toluene	10.40	92	7077841	928.475	ug/l	96
67) Ethyl Benzene	11.74	91	1201112	89.831	ug/l	100
68) m/p-Xylenes	11.85	106	620552	119.788	ug/l	99
69) o-Xylene	12.18	106	228212	48.427	ug/l	97
73) Isopropylbenzene	12.48	105	84868	14.763	ug/l	99
78) n-propylbenzene	12.83	91	199987	29.927	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	83063	17.277	ug/l	100
82) 4-Chlorotoluene	12.97	91	9383	2.326	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.27	105	336464	69.930	ug/l	98
85) sec-Butylbenzene	13.41	105	37840	6.629	ug/l #	75
86) p-Isopropyltoluene	13.52	119	24641	4.602	ug/l	89
89) n-Butylbenzene	13.85	91	172084m	35.873	ug/l	
95) Naphthalene	15.41	128	1751035	592.850	ug/l	99

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

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