Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112019\
Data File : VY000756.D
Acq On : 20 Nov 2019 16:54
Operator : SY/MD
Sample : K5957-13
Misc : 4.40G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : FD-111919

Manual Integrations APPROVED
MMDadoda
11/22/2019 12:53:16 AM

Quant Time: Nov 21 08:14:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	269046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	472476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	312088	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.41	152	265433	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	142708	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.52%			
35) Dibromofluoromethane	7.74	113	144218	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.98%			
50) Toluene-d8	10.19	98	1364214	129.62	ug/l	0.01
Spiked Amount 50.000			Recovery = 259.24%			
62) 4-Bromofluorobenzene	12.46	95	6774023	1690.65	ug/l	-0.02
Spiked Amount 50.000			Recovery = 3381.30%			
Target Compounds						Qvalue
16) Acetone	3.97	43	15219	19.832	ug/l	90
31) Cyclohexane	7.80	56	391407	72.624	ug/l	98
39) Methylcyclohexane	9.20	83	3621461	627.586	ug/l	100
44) Trichloroethene	8.96	130	15530	4.498	ug/l	94
64) Tetrachloroethene	10.74	164	137163	53.152	ug/l	97
67) Ethyl Benzene	11.60	91	31986753m	2746.732	ug/l	
68) m/p-Xylenes	11.73	106	882635	195.826	ug/l #	55
69) o-Xylene	12.06	106	662352	156.362	ug/l	41
73) Isopropylbenzene	12.36	105	15582986	794.338	ug/l	96
78) n-propylbenzene	12.68	91	21492424	907.997	ug/l #	73
80) 1,3,5-Trimethylbenzene	12.82	105	21169523	1295.686	ug/l	76
83) tert-Butylbenzene	13.08	119	1311851	94.037	ug/l	82
84) 1,2,4-Trimethylbenzene	13.12	105	26078765m	1603.117	ug/l	
85) sec-Butylbenzene	13.26	105	7477467	376.219	ug/l #	64
86) p-Isopropyltoluene	13.38	119	4263649	240.695	ug/l	98
89) n-Butylbenzene	13.70	91	2745698m	157.155	ug/l	
95) Naphthalene	15.23	128	179679	15.036	ug/l	99

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

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