Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
Data File : VD069334.D
Acq On : 03 Jun 2021 19:32
Operator : VA/SY
Sample : M2583-05
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
30785

Manual Integrations APPROVED
MMDadoda
6/4/2021 4:32:47 PM

Quant Time: Jun 04 09:38:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 02 02:17:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.985	168	335983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	631861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	239759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	59468	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.337	65	187664	58.212	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.420%			
35) Dibromofluoromethane	7.920	113	217187	54.735	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.480%			
50) Toluene-d8	10.355	98	1266306	87.762	ug/l	0.02
Spiked Amount 50.000	Range 49 - 140		Recovery = 175.520%#			
62) 4-Bromofluorobenzene	12.620	95	227643	48.148	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.300%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.226	59	684767	3840.731	ug/l #	73
16) Acetone	4.126	43	72016480m	128010.236	ug/l	
17) Carbon Disulfide	4.361	76	139026	12.476	ug/l	96
18) Methyl Acetate	4.720	43	1177097	773.169	ug/l	97
22) Diisopropyl ether	6.367	45	459958	58.900	ug/l #	95
25) 2-Butanone	7.208	43	1733407	2341.539	ug/l	97
29) Tetrahydrofuran	7.567	42	25845	60.741	ug/l #	62
31) Cyclohexane	7.979	56	21177728	4134.217	ug/l #	74
37) Ethyl Acetate	7.296	43	396469	190.118	ug/l #	91
39) Methylcyclohexane	9.355	83	22955892	3653.794	ug/l #	87
40) Benzene	8.343	78	26477564m	1484.375	ug/l	
52) Toluene	10.390	92	49285297m	4377.500	ug/l	
64) Tetrachloroethene	10.879	164	91173	54.632	ug/l	92
67) Ethyl Benzene	11.731	91	23940286m	2844.017	ug/l	
68) m/p-Xylenes	11.837	106	28664695m	8690.343	ug/l	
69) o-Xylene	12.173	106	20003815	6857.029	ug/l #	1
73) Isopropylbenzene	12.478	105	5915616	1453.508	ug/l	98
78) n-propylbenzene	12.814	91	15521501	3109.616	ug/l	87
80) 1,3,5-Trimethylbenzene	12.955	105	14857465	4310.429	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.537	75	40949m	175.628	ug/l	
83) tert-Butylbenzene	13.231	119	41497m	14.376	ug/l	
84) 1,2,4-Trimethylbenzene	13.255	105	23100575m	6738.799	ug/l	
85) sec-Butylbenzene	13.396	105	1965992	461.435	ug/l #	68
86) p-Isopropyltoluene	13.514	119	1122192	301.229	ug/l	99
89) n-Butylbenzene	13.837	91	2190235	628.383	ug/l #	71
95) Naphthalene	15.390	128	2429548	1121.442	ug/l	98

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

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