Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
Data File : VD069333.D
Acq On : 03 Jun 2021 19:03
Operator : VA/SY
Sample : M2583-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
40955

Manual Integrations APPROVED
MMDadoda
6/4/2021 4:32:46 PM

Quant Time: Jun 04 09:38:08 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	7.979	168	324770	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	625676	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	390207	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	70525	50.000	ug/l	#	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	185186	59.426	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.860%				
35) Dibromofluoromethane	7.914	113	213150	54.249	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.500%				
50) Toluene-d8	10.350	98	701718	49.114	ug/l		0.01
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.220%				
62) 4-Bromofluorobenzene	12.626	95	167563	35.791	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 71.580%				
Target Compounds							Qvalue
11) Tert butyl alcohol	5.232	59	509358	2948.792	ug/l		98
16) Acetone	4.126	43	82135081m	151036.842	ug/l		
18) Methyl Acetate	4.726	43	390605	265.425	ug/l		92
19) Methyl tert-butyl Ether	5.468	73	569660	95.221	ug/l		95
22) Diisopropyl ether	6.362	45	62064	8.222	ug/l	#	96
25) 2-Butanone	7.215	43	1136402	1588.087	ug/l		93
29) Tetrahydrofuran	7.562	42	11482	27.917	ug/l	#	61
37) Ethyl Acetate	7.291	43	102812	49.789	ug/l	#	94
39) Methylcyclohexane	9.356	83	3520787	565.929	ug/l		96
40) Benzene	8.350	78	351570	19.904	ug/l		98
48) Methyl methacrylate	9.456	41	230206	131.940	ug/l		96
51) 4-Methyl-2-Pentanone	10.244	43	1394240	718.278	ug/l		97
52) Toluene	10.391	92	40447841m	3628.074	ug/l		
67) Ethyl Benzene	11.744	91	12425060	906.946	ug/l		91
68) m/p-Xylenes	11.844	106	18439967	3435.023	ug/l	#	1
69) o-Xylene	12.179	106	9791123	2062.223	ug/l		77
73) Isopropylbenzene	12.473	105	2565176	531.465	ug/l		100
78) n-propylbenzene	12.814	91	10288145	1738.002	ug/l		95
80) 1,3,5-Trimethylbenzene	12.955	105	12241994	2994.803	ug/l		89
83) tert-Butylbenzene	13.220	119	16919m	4.942	ug/l		
84) 1,2,4-Trimethylbenzene	13.255	105	22287475m	5482.275	ug/l		
85) sec-Butylbenzene	13.397	105	1754949	347.323	ug/l	#	64
86) p-Isopropyltoluene	13.514	119	6032369	1365.393	ug/l		94
89) n-Butylbenzene	13.838	91	1480488	358.161	ug/l	#	71
95) Naphthalene	15.391	128	1297504	506.825	ug/l		98

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

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