Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012446.D
Acq On : 01 Feb 2023 16:49
Operator : KP/MD
Sample : 01383-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
0042

Manual Integrations APPROVED
Reviewed By :Krupa Patel 02/02/2023
Supervised By :Mahesh Dadoda 02/02/2023

Quant Time: Feb 01 23:06:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.795	168	177340	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.691	114	280244	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.489	117	207018	50.000	ug/l	#	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54779	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.143	65	78583	53.755	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.520%				
35) Dibromofluoromethane	7.722	113	76630	51.641	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.280%				
50) Toluene-d8	10.179	98	367518	73.519	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 147.040%#				
62) 4-Bromofluorobenzene	12.483	95	92247	44.099	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.200%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.954	59	42521	243.435	ug/l		97
16) Acetone	3.948	43	20784775	42090.388	ug/l		92
17) Carbon Disulfide	4.192	76	5704	1.132	ug/l		97
18) Methyl Acetate	4.485	43	12665	11.462	ug/l	#	87
20) Methylene Chloride	4.716	84	21162	2.727	ug/l	#	82
25) 2-Butanone	6.984	43	85280	156.431	ug/l		92
39) Methylcyclohexane	9.185	83	2105167	683.076	ug/l		98
40) Benzene	8.161	78	31221	4.289	ug/l		99
48) Methyl methacrylate	9.295	41	113470	119.062	ug/l		97
51) 4-Methyl-2-Pentanone	10.069	43	451161	409.055	ug/l		91
52) Toluene	10.246	92	6304913	1300.942	ug/l		92
67) Ethyl Benzene	11.593	91	3486980	460.631	ug/l		97
68) m/p-Xylenes	11.703	106	4531527	1514.007	ug/l		96
69) o-Xylene	12.032	106	1633471	571.377	ug/l		99
73) Isopropylbenzene	12.331	105	544521	137.851	ug/l		99
78) n-propylbenzene	12.672	91	1012030	218.946	ug/l		99
80) 1,3,5-Trimethylbenzene	12.812	105	654697	190.660	ug/l		100
84) 1,2,4-Trimethylbenzene	13.123	105	2094598	618.531	ug/l		100
85) sec-Butylbenzene	13.251	105	199914	46.916	ug/l		80
86) p-Isopropyltoluene	13.367	119	102127	27.432	ug/l		99
89) n-Butylbenzene	13.696	91	182416m	56.540	ug/l		
95) Naphthalene	15.239	128	81143	38.037	ug/l		97

02/02/2023
Supervised By :Mahesh Dadoda

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

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