Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
Data File : VY013467.D
Acq On : 26 Apr 2023 12:46
Operator : KP/MD
Sample : 02386-10
Misc : 3.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SPA-3WC-23-04

Manual Integrations APPROVED
Reviewed By :Krupa Patel 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 27 01:31:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	161647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	261019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	175554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	141531	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	103248	58.266	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.540%			
35) Dibromofluoromethane	7.716	113	88185	53.716	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.440%			
50) Toluene-d8	10.179	98	485974	83.212	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 166.420%#			
62) 4-Bromofluorobenzene	12.477	95	279208	141.812	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 283.620%#			
Target Compounds						Qvalue
16) Acetone	3.979	43	116495	166.938	ug/l	92
17) Carbon Disulfide	4.192	76	17591	3.224	ug/l	100
25) 2-Butanone	6.990	43	57090	64.508	ug/l #	82
27) cis-1,2-Dichloroethene	6.996	96	3204	1.579	ug/l	54
31) Cyclohexane	7.771	56	442253	139.396	ug/l #	59
39) Methylcyclohexane	9.185	83	1711518	532.844	ug/l	92
40) Benzene	8.161	78	2664711	347.198	ug/l	100
52) Toluene	10.246	92	7124481	1542.586	ug/l	92
65) Chlorobenzene	11.520	112	6931704	1812.571	ug/l	95
67) Ethyl Benzene	11.587	91	22262525m	3315.170	ug/l	
68) m/p-Xylenes	11.691	106	24355948m	9540.613	ug/l	
69) o-Xylene	12.032	106	12036399	4985.314	ug/l	58
73) Isopropylbenzene	12.331	105	3488611	325.889	ug/l	96
78) n-propylbenzene	12.672	91	7726697	585.999	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	13521641	1547.578	ug/l	94
83) tert-Butylbenzene	13.081	119	879697	116.213	ug/l	90
84) 1,2,4-Trimethylbenzene	13.117	105	19885138m	2340.884	ug/l	
85) sec-Butylbenzene	13.258	105	1543118	135.829	ug/l #	42
86) p-Isopropyltoluene	13.373	119	5308481	581.051	ug/l #	68
87) 1,3-Dichlorobenzene	13.367	146	1856887m	375.758	ug/l	
88) 1,4-Dichlorobenzene	13.453	146	9038048	1810.546	ug/l	90
91) 1,2-Dichlorobenzene	13.745	146	11726530	2627.795	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	525153	197.383	ug/l #	88
94) Hexachlorobutadiene	15.111	225	7039	4.546	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	58193	24.540	ug/l #	73

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

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