Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
Data File : VW023876.D
Acq On : 19 Jul 2022 11:51
Operator : SY/VA
Sample : N3709-06
Misc : 6.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0B22

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

Quant Time: Jul 20 01:18:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 20 01:17:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	334558	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	261895	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	73887	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	84319	9.868	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 39.480%			
7) Chloroethane-d5	2.879	69	73218	12.844	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 51.360%			
11) 1,1-Dichloroethene-d2	4.013	63	77770	11.177	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 44.720%#			
21) 2-Butanone-d5	7.080	46	59969	45.246	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.500%			
24) Chloroform-d	7.647	84	199925	20.525	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.120%			
26) 1,2-Dichloroethane-d4	8.305	65	110736m	18.588	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 74.360%			
32) Benzene-d6	8.275	84	327118	24.028	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.120%			
36) 1,2-Dichloropropane-d6	9.274	67	115588	28.186	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.760%			
41) Toluene-d8	10.323	98	281762	20.404	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.600%			
43) trans-1,3-Dichloroprop...	10.573	79	26951	14.021	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 56.080%			
47) 2-Hexanone-d5	10.926	63	35366	41.013	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.020%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	102093	22.528	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.120%			
66) 1,2-Dichlorobenzene-d4	13.847	152	58214	22.071	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.280%			
Target Compounds						Qvalue
13) Acetone	4.123	43	151322	161.483	ug/L	99
14) Carbon disulfide	4.379	76	15089	1.446	ug/L	96
16) Methylene chloride	4.915	84	29867	5.709	ug/L	95
22) 2-Butanone	7.171	43	45499	29.545	ug/L	96
35) Methylcyclohexane	9.335	83	3263	0.545	ug/L	93
60) Isopropylbenzene	12.457	105	9925	1.000	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	23199	4.839	ug/L	93

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

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