Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011123\
Data File : VW025223.D
Acq On : 11 Jan 2023 13:35
Operator : SY/MD
Sample : 01120-01
Misc : 5.24g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C1141

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2023
Supervised By :Mahesh Dadoda 01/12/2023

Quant Time: Jan 12 04:20:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 04 00:45:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	607904	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	503802	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	194026	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	144578	20.486	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.960%			
7) Chloroethane-d5	2.885	69	104460	23.491	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.960%			
11) 1,1-Dichloroethene-d2	4.013	63	268911m	17.397	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.600%			
21) 2-Butanone-d5	7.074	46	69668	38.950	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.900%			
24) Chloroform-d	7.647	84	340926	22.376	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.520%			
26) 1,2-Dichloroethane-d4	8.305	65	173063	22.051	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.200%			
32) Benzene-d6	8.275	84	739153	24.433	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.720%			
36) 1,2-Dichloropropane-d6	9.274	67	213387	24.113	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.440%			
41) Toluene-d8	10.323	98	588863	21.387	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.560%			
43) trans-1,3-Dichloroprop...	10.579	79	71097	18.762	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.040%			
47) 2-Hexanone-d5	10.920	63	54246	38.901	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.800%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	130816	21.138	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.560%			
66) 1,2-Dichlorobenzene-d4	13.853	152	156087	22.642	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.560%			
Target Compounds						Qvalue
13) Acetone	4.117	43	21056	10.066	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	16654	1.985	ug/L	98
33) Benzene	8.323	78	50123	1.646	ug/L	100
34) Trichloroethene	9.091	95	9585	1.207	ug/L #	92
52) Ethylbenzene	11.725	91	247256	6.926	ug/L	97
53) m,p-Xylene	11.835	106	118316	8.576	ug/L	94
54) o-Xylene	12.164	106	19985	1.574	ug/L	94
60) Isopropylbenzene	12.463	105	47887	1.638	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	131487	5.377	ug/L	99

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

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