Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027747.D
Acq On : 18 Dec 2023 22:58
Operator : SY/MD
Sample : 05891-14
Misc : 2.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCLS4

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/19/2023
Supervised By :Semsettin Yesilyurt 12/19/2023

Quant Time: Dec 19 00:21:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Dec 17 01:25:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	621114	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	507858	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	201863	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	162278	18.448	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.800%			
7) Chloroethane-d5	2.899	69	131758	19.238	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.960%			
11) 1,1-Dichloroethene-d2	4.021	65	65399	18.564	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.240%			
21) 2-Butanone-d5	7.087	46	50191	33.508	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.020%			
24) Chloroform-d	7.648	84	281445	19.043	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 76.160%			
26) 1,2-Dichloroethane-d4	8.307	65	130020m	18.736	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 74.960%			
32) Benzene-d6	8.276	84	616376	20.767	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.080%			
36) 1,2-Dichloropropane-d6	9.270	67	173483	20.631	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 82.520%			
41) Toluene-d8	10.318	98	532171	19.325	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.280%			
43) trans-1,3-Dichloroprop...	10.574	79	60138	18.472	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 73.880%			
47) 2-Hexanone-d5	10.922	63	47326	38.621	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.240%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	115106	18.101	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 72.400%			
66) 1,2-Dichlorobenzene-d4	13.848	152	140814	19.488	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 77.960%			
Target Compounds						Qvalue
13) Acetone	4.155	43	160864	118.305	ug/L	98
22) 2-Butanone	7.185	43	19459	10.777	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	3345	1.077	ug/L	97
42) Toluene	10.385	91	43034	1.359	ug/L	96
48) 2-Hexanone	10.971	43	3148	1.362	ug/L #	98
52) Ethylbenzene	11.727	91	12467	0.349	ug/L	92
53) m,p-Xylene	11.830	106	18894	1.378	ug/L	93
54) o-Xylene	12.160	106	6635	0.520	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	5326	0.431	ug/L	93

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

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