Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026388.D
Acq On : 28 Jun 2023 11:11
Operator : SY/MD
Sample : 03421-24
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4660

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

Quant Time: Jun 28 23:49:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 28 23:48:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	752655	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	797669	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	312844	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	247754	22.658	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.640%			
7) Chloroethane-d5	2.893	69	205377	26.422	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.680%			
11) 1,1-Dichloroethene-d2	4.021	65	120662	24.374	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 97.480%			
21) 2-Butanone-d5	7.081	46	136190	39.631	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.260%			
24) Chloroform-d	7.654	84	455006	21.334	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.320%			
26) 1,2-Dichloroethane-d4	8.307	65	280590m	23.414	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.640%			
32) Benzene-d6	8.276	84	935967	18.957	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 75.840%			
36) 1,2-Dichloropropane-d6	9.276	67	289767	18.061	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 72.240%			
41) Toluene-d8	10.325	98	921463	21.322	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.280%			
43) trans-1,3-Dichloroprop...	10.575	79	135398	21.019	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.080%			
47) 2-Hexanone-d5	10.922	63	104486	42.406	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.820%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	256479	20.305	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.240%			
66) 1,2-Dichlorobenzene-d4	13.848	152	250112	22.961	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.840%			
Target Compounds						Qvalue
13) Acetone	4.125	43	76854	27.941	ug/L	98
16) Methylene chloride	4.917	84	201162	15.794	ug/L	94
19) 1,1-Dichloroethane	6.216	63	339483	15.154	ug/L	98
22) 2-Butanone	7.179	43	51292	12.187	ug/L	98
34) Trichloroethene	9.093	95	91781	6.653	ug/L	96
42) Toluene	10.386	91	405088	7.494	ug/L	100
52) Ethylbenzene	11.727	91	1071219	17.588	ug/L	97
53) m,p-Xylene	11.830	106	1022961	46.054	ug/L	97

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

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