Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031513.D
Acq On : 23 Dec 2024 17:34
Operator : SY/MD
Sample : P5322-19
Misc : 6.17g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE642

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/25/2024

Quant Time: Dec 24 00:19:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 24 00:12:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	172925	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	163401	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	82715	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	46733	17.961	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.840%			
7) Chloroethane-d5	2.893	69	42085	21.866	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.480%			
11) 1,1-Dichloroethene-d2	4.027	65	21643	17.536	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.160%			
21) 2-Butanone-d5	7.081	46	29487	60.178	ug/L	-0.03
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.360%			
24) Chloroform-d	7.655	84	99904	21.086	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.360%			
26) 1,2-Dichloroethane-d4	8.307	65	63446m	26.664	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.640%			
32) Benzene-d6	8.276	84	196030	18.718	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 74.880%			
36) 1,2-Dichloropropane-d6	9.270	67	63461	20.791	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 83.160%			
41) Toluene-d8	10.325	98	183344	18.818	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 75.280%			
43) trans-1,3-Dichloroprop...	10.581	79	23807	16.915	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 67.680%			
47) 2-Hexanone-d5	10.922	63	20182	49.166	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.340%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	53222	27.771	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.080%			
66) 1,2-Dichlorobenzene-d4	13.849	152	64520	21.011	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.040%			
Target Compounds						Qvalue
13) Acetone	4.143	43	7436m	10.897	ug/L	
52) Ethylbenzene	11.727	91	6859	0.538	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	17123	3.122	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	77817	14.321	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	17557	3.716	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	28119	8.801	ug/L #	90

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

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