Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031510.D
Acq On : 23 Dec 2024 16:23
Operator : SY/MD
Sample : P5322-16
Misc : 4.13g/10mL/MSVOA_W/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YE630

Manual Integrations APPROVED

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

Quant Time: Dec 24 00:18:01 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	8.837	114	1195259	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	985648	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	449584	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	347503	19.323	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.280%			
7) Chloroethane-d5	2.893	69	266272	20.015	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.080%			
11) 1,1-Dichloroethene-d2	4.015	65	159377	18.683	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.720%			
21) 2-Butanone-d5	7.106	46	99098	29.260	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 58.520%			
24) Chloroform-d	7.648	84	579846	17.706	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 70.840%			
26) 1,2-Dichloroethane-d4	8.307	65	282507	17.177	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 68.720%#			
32) Benzene-d6	8.276	84	1226993	19.422	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 77.680%			
36) 1,2-Dichloropropane-d6	9.270	67	340833	18.512	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 74.040%			
41) Toluene-d8	10.325	98	1131753	19.257	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.040%			
43) trans-1,3-Dichloroprop...	10.575	79	119452	14.070	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 56.280%			
47) 2-Hexanone-d5	10.922	63	76443	30.873	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 61.740%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	198586	17.178	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 68.720%			
66) 1,2-Dichlorobenzene-d4	13.848	152	317775	19.039	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 76.160%			
Target Compounds						Qvalue
13) Acetone	4.191	43	33207m	7.040	ug/L	
40) 4-Methyl-2-pentanone	10.215	43	6901	0.856	ug/L	100
52) Ethylbenzene	11.727	91	60898	0.792	ug/L	97
53) m,p-Xylene	11.830	106	73944	2.527	ug/L	99
54) o-Xylene	12.166	106	49145	1.782	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	177285	2.842	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	792147	13.139	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	116002	4.517	ug/L	92

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

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