Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027683.D
Acq On : 16 Dec 2023 11:50
Operator : SY/MD
Sample : 05836-03
Misc : 3.85g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCLS2

Quant Time: Dec 17 00:16:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Dec 17 00:15:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	625091	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	532355	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	230528	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	197380	22.296	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.200%			
7) Chloroethane-d5	2.899	69	151104	21.922	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.680%			
11) 1,1-Dichloroethene-d2	4.021	65	78863	22.243	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.960%			
21) 2-Butanone-d5	7.087	46	57678	38.261	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.520%			
24) Chloroform-d	7.648	84	324605	21.823	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.280%			
26) 1,2-Dichloroethane-d4	8.307	65	147780	21.160	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.640%			
32) Benzene-d6	8.276	84	731395	23.508	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.040%			
36) 1,2-Dichloropropane-d6	9.270	67	202551	22.979	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.920%			
41) Toluene-d8	10.325	98	643519	22.293	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.160%			
43) trans-1,3-Dichloroprop...	10.575	79	72832	21.341	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.360%			
47) 2-Hexanone-d5	10.922	63	53052	41.301	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.600%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	129312	19.399	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 77.600%			
66) 1,2-Dichlorobenzene-d4	13.848	152	175807	21.305	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.240%			
Target Compounds						Qvalue
13) Acetone	4.149	43	206483	150.888	ug/L	97
16) Methylene chloride	4.923	84	22685	2.315	ug/L	92
22) 2-Butanone	7.179	43	39151	21.545	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	21606	6.636	ug/L	99
42) Toluene	10.386	91	65272	1.966	ug/L	97
48) 2-Hexanone	10.971	43	4689	1.935	ug/L #	93
52) Ethylbenzene	11.727	91	23087	0.617	ug/L	89
53) m,p-Xylene	11.830	106	37088	2.581	ug/L	96
54) o-Xylene	12.166	106	13474	1.007	ug/L	86
62) 1,3,5-Trimethylbenzene	12.940	105	13937	0.536	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	47531	1.857	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	26082	1.847	ug/L	96

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

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