Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
Data File : VW029957.D
Acq On : 20 Aug 2024 14:09
Operator : SY/MD
Sample : VIBLK508
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK508

Quant Time: Aug 21 00:46:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 21 00:44:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	195306	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	190718	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	85390	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	60544	21.836	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.360%			
7) Chloroethane-d5	2.905	69	52418	26.480	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.920%			
11) 1,1-Dichloroethene-d2	4.027	65	27166	21.464	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.840%			
21) 2-Butanone-d5	7.075	46	32345	42.562	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.120%			
24) Chloroform-d	7.648	84	137288	27.155	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.600%			
26) 1,2-Dichloroethane-d4	8.307	65	79305	27.539	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.160%			
32) Benzene-d6	8.276	84	251715	24.427	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.720%			
36) 1,2-Dichloropropane-d6	9.276	67	80018	24.319	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.280%			
41) Toluene-d8	10.325	98	227127	24.788	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.160%			
43) trans-1,3-Dichloroprop...	10.575	79	30901	23.209	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.840%			
47) 2-Hexanone-d5	10.922	63	22304	41.109	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.220%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	66701	27.301	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 109.200%			
66) 1,2-Dichlorobenzene-d4	13.848	152	75226	28.372	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 113.480%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	3.265	101	803	0.275	ug/L #	63
16) Methylene chloride	4.917	84	12292	3.011	ug/L	86
25) Chloroform	7.673	83	2460	0.431	ug/L	98
46) Tetrachloroethene	10.867	164	888	0.357	ug/L	89
51) Chlorobenzene	11.654	112	2786	0.336	ug/L	97
53) m,p-Xylene	11.843	106	1509	0.273	ug/L #	39
64) 1,3-Dichlorobenzene	13.495	146	2059	0.365	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	2370	0.409	ug/L #	74
67) 1,2-Dichlorobenzene	13.867	146	2415	0.471	ug/L #	89
70) 1,2,4-trichlorobenzene	15.123	180	2114	0.651	ug/L	93
72) 1,2,3-Trichlorobenzene	15.549	180	2150	0.731	ug/L	98

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

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