Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
Data File : VV033768.D
Acq On : 19 Jan 2024 21:35
Operator : SY/MD
Sample : P1189-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMM4

Quant Time: Jan 20 00:31:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 19 23:43:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	235952	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	225689	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	111344	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	74671	41.177	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.360%			
7) Chloroethane-d5	1.529	69	56180	39.120	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.240%			
11) 1,1-Dichloroethene-d2	2.060	65	31409	40.246	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.500%			
21) 2-Butanone-d5	3.783	46	93893	75.487	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 75.490%			
24) Chloroform-d	4.249	84	125751	38.781	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.560%			
26) 1,2-Dichloroethane-d4	4.940	65	85414	40.768	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.540%			
32) Benzene-d6	4.960	84	245210	38.217	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.440%			
36) 1,2-Dichloropropane-d6	5.989	67	79427	37.608	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 75.220%			
41) Toluene-d8	7.243	98	230176	39.816	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.640%#			
43) trans-1,3-Dichloroprop...	7.555	79	38728	37.103	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.200%			
47) 2-Hexanone-d5	8.021	63	63218	72.162	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 72.160%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	104517	38.764	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 77.520%			
66) 1,2-Dichlorobenzene-d4	11.561	152	92058	43.578	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.160%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	1291864	604.988	ug/L	99
8) Chloroethane	1.548	64	3743	2.940	ug/L #	70
12) 1,1-Dichloroethene	2.069	96	5342	3.772	ug/L #	1
14) Carbon disulfide	2.249	76	7682	1.596	ug/L #	94
17) trans-1,2-Dichloroethene	2.696	96	33095	20.922	ug/L	96
20) cis-1,2-Dichloroethene	3.812	96	4018735	2282.732	ug/L	96
34) Trichloroethene	5.838	95	15251	8.577	ug/L	96
46) Tetrachloroethene	7.911	164	2176	1.668	ug/L	95

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

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