Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011323\
Data File : VV029818.D
Acq On : 13 Jan 2023 19:05
Operator : SY/MD
Sample : 01138-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH1Y1

Quant Time: Jan 13 22:53:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	154917	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	159201	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	87563	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	58056	4.941	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.800%			
7) Chloroethane-d5	1.564	69	48407	4.970	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.400%			
11) 1,1-Dichloroethene-d2	2.114	63	308426	14.399	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 288.000%#			
20) 2-Butanone-d5	3.876	46	145143	69.691	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 139.380%#			
24) Chloroform-d	4.339	84	109262	5.069	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.400%			
26) 1,2-Dichloroethane-d4	5.024	65	53436	5.854	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.000%			
32) Benzene-d6	5.043	84	227011	4.807	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.200%			
36) 1,2-Dichloropropane-d6	6.063	67	73164	5.294	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.800%			
41) Toluene-d8	7.307	98	195553	4.473	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.400%			
43) trans-1,3-Dichloroprop...	7.616	79	22533	4.464	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.200%			
46) 2-Hexanone-d5	8.085	63	132048	64.259	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 128.520%			
56) 1,1,2,2-Tetrachloroeth...	10.204	84	63481	6.268	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 125.400%#			
66) 1,2-Dichlorobenzene-d4	11.612	152	81393	5.113	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	596934	40.118	ug/L	99
12) 1,1-Dichloroethene	2.114	96	493136	37.279	ug/L #	79
13) Acetone	2.166	43	261604	175.990	ug/L	94
14) Carbon disulfide	2.291	76	16112	0.423	ug/L	99
15) Methyl Acetate	2.429	43	38357	9.909	ug/L	99
16) Methylene chloride	2.503	84	3827	0.233	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	4631	0.202	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	2103	0.171	ug/L	87
19) 1,1-Dichloroethane	3.182	63	517159	25.140	ug/L	99
21) 2-Butanone	3.960	43	190659	89.532	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	663307	50.623	ug/L	99
27) 1,2-Dichloroethane	5.133	62	3902	0.359	ug/L	97
34) Trichloroethene	5.905	95	473763	35.517	ug/L	97

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

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