Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091123\
Data File : VV032027.D
Acq On : 11 Sep 2023 15:33
Operator : SY/MD
Sample : 04307-21
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH4J4

Quant Time: Sep 12 06:00:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 09 21:51:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	107904	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	112978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	59903	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	19123	5.247	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.000%			
7) Chloroethane-d5	1.532	69	23372	5.598	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.000%			
11) 1,1-Dichloroethene-d2	2.060	65	10504	4.897	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.000%			
20) 2-Butanone-d5	3.799	46	88374	50.094	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.180%			
24) Chloroform-d	4.256	84	55815	4.525	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.600%			
26) 1,2-Dichloroethane-d4	4.950	65	28252	4.445	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.000%			
32) Benzene-d6	4.966	84	111150	4.323	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.400%			
36) 1,2-Dichloropropane-d6	5.995	67	37924	4.183	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.600%			
41) Toluene-d8	7.249	98	99215	4.159	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.200%			
43) trans-1,3-Dichloroprop...	7.564	79	10303	3.117	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 62.400%			
46) 2-Hexanone-d5	8.031	63	74948	42.523	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.040%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	29068	4.469	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.400%			
66) 1,2-Dichlorobenzene-d4	11.564	152	37173	3.832	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 76.600%#			
Target Compounds						Qvalue
3) Chloromethane	1.220	50	1518	0.230	ug/L	100
12) 1,1-Dichloroethene	2.073	96	8979	1.848	ug/L #	62
13) Acetone	2.121	43	1795	1.727	ug/L	88
17) Methyl tert-butyl Ether	2.709	73	3722	0.247	ug/L #	83
18) trans-1,2-Dichloroethene	2.700	96	1512	0.275	ug/L	97
19) 1,1-Dichloroethane	3.118	63	3888	0.343	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	145605	22.956	ug/L	97
25) Chloroform	4.285	83	7673	0.664	ug/L	99
31) Carbon tetrachloride	4.741	117	5112	0.579	ug/L	93
34) Trichloroethene	5.838	95	108405	14.252	ug/L	98
45) 1,1,2-Trichloroethane	7.783	97	1008	0.196	ug/L	88
47) Tetrachloroethene	7.912	164	12815	2.637	ug/L	97

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

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