Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
Data File : VU055310.D
Acq On : 14 Sep 2023 16:51
Operator : MD/SY
Sample : 04307-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH4H5

Quant Time: Sep 15 03:02:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 15 02:53:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	180683	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	186275	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	86556	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	55802	6.590	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 131.800%#			
7) Chloroethane-d5	1.911	69	52604	5.366	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.400%			
11) 1,1-Dichloroethene-d2	2.563	65	20074	4.160	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.200%			
20) 2-Butanone-d5	4.637	46	105792	43.050	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.100%			
24) Chloroform-d	5.062	84	99349	4.421	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
26) 1,2-Dichloroethane-d4	5.701	65	52094	4.634	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.600%			
32) Benzene-d6	5.724	84	199954	4.349	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.000%			
36) 1,2-Dichloropropane-d6	6.689	67	61944	4.236	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.800%			
41) Toluene-d8	7.897	98	166970	3.942	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.800%			
43) trans-1,3-Dichloroprop...	8.177	79	19380	4.812	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.200%			
46) 2-Hexanone-d5	8.634	63	60180	36.806	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 73.620%			
56) 1,1,2,2-Tetrachloroeth...	10.756	84	42541	4.136	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.800%			
66) 1,2-Dichlorobenzene-d4	12.193	152	56279	4.455	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.000%			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	3658	0.342	ug/L	95
17) Methyl tert-butyl Ether	3.361	73	6488	0.296	ug/L #	89
18) trans-1,2-Dichloroethene	3.348	96	3088	0.364	ug/L #	69
19) 1,1-Dichloroethane	3.869	63	6071	0.331	ug/L	93
22) cis-1,2-Dichloroethene	4.666	96	35100	3.383	ug/L	86
25) Chloroform	5.087	83	8738	0.458	ug/L	92
34) Trichloroethene	6.541	95	20760	1.884	ug/L	96
45) 1,1,2-Trichloroethane	8.399	97	1202	0.165	ug/L	92
47) Tetrachloroethene	8.553	164	34108	4.479	ug/L	94

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

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