Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
Data File : VU055249.D
Acq On : 12 Sep 2023 15:38
Operator : MD/SY
Sample : 04307-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH4H5

Quant Time: Sep 13 01:47:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 13 01:44:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	188492	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	207866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	101791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27040	3.061	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 61.200%			
7) Chloroethane-d5	1.907	69	40068	3.918	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.400%			
11) 1,1-Dichloroethene-d2	2.563	65	14749	2.930	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.600%#			
20) 2-Butanone-d5	4.624	46	127970	49.917	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.840%			
24) Chloroform-d	5.062	84	91054	3.884	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.600%			
26) 1,2-Dichloroethane-d4	5.701	65	50770	4.329	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.600%			
32) Benzene-d6	5.727	84	172097	3.354	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 67.000%#			
36) 1,2-Dichloropropane-d6	6.689	67	62672	3.840	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 76.800%			
41) Toluene-d8	7.897	98	149858	3.171	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 63.400%#			
43) trans-1,3-Dichloroprop...	8.180	79	15070	3.353	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 67.000%			
46) 2-Hexanone-d5	8.631	63	79941	43.814	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.620%			
56) 1,1,2,2-Tetrachloroeth...	10.756	84	47891	4.173	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.400%			
66) 1,2-Dichlorobenzene-d4	12.193	152	58602	3.944	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 78.800%#			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	3504	0.314	ug/L	94
17) Methyl tert-butyl Ether	3.364	73	6731	0.295	ug/L	95
18) trans-1,2-Dichloroethene	3.357	96	3593	0.406	ug/L	94
19) 1,1-Dichloroethane	3.872	63	7016	0.367	ug/L #	84
22) cis-1,2-Dichloroethene	4.666	96	41258	3.812	ug/L	89
25) Chloroform	5.084	83	10873	0.546	ug/L	98
34) Trichloroethene	6.541	95	16850	1.370	ug/L	95
45) 1,1,2-Trichloroethane	8.399	97	1418	0.175	ug/L	87
47) Tetrachloroethene	8.553	164	41908	4.932	ug/L	98

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

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