Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
Data File : VU062775.D
Acq On : 15 Jan 2025 18:25
Operator : MD/SY
Sample : Q1071-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCQ75

Quant Time: Jan 16 00:51:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 00:44:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	94421	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88447	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41183	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17034	3.257	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.200%			
7) Chloroethane-d5	1.901	69	16809	3.996	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.000%			
11) 1,1-Dichloroethene-d2	2.557	65	9769	3.606	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.200%			
20) 2-Butanone-d5	4.605	46	62207	58.203	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.400%			
24) Chloroform-d	5.049	84	61280	4.763	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.200%			
26) 1,2-Dichloroethane-d4	5.689	65	36289	5.200	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.000%			
32) Benzene-d6	5.714	84	97659	4.517	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.400%			
36) 1,2-Dichloropropane-d6	6.679	67	29919	4.991	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.800%			
41) Toluene-d8	7.888	98	88841	4.218	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.400%			
43) trans-1,3-Dichloroprop...	8.174	79	13698	4.584	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.600%			
46) 2-Hexanone-d5	8.621	63	48799	51.926	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.860%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26805	5.339	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.800%			
66) 1,2-Dichlorobenzene-d4	12.184	152	35248	5.144	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	1129	0.166	ug/L #	59
12) 1,1-Dichloroethene	2.570	96	78543	13.400	ug/L #	78
13) Acetone	2.618	43	4208	4.970	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	5480	0.873	ug/L	87
19) 1,1-Dichloroethane	3.853	63	437186	38.938	ug/L	95
22) cis-1,2-Dichloroethene	4.650	96	466384	68.199	ug/L	98
27) 1,2-Dichloroethane	5.788	62	5496	0.608	ug/L #	96
29) 1,1,1-Trichloroethane	5.303	97	7373	0.550	ug/L	97
34) Trichloroethene	6.531	95	26057	3.002	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	1101	0.226	ug/L	87

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

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