Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
Data File : VU062988.D
Acq On : 24 Jan 2025 13:11
Operator : MD/SY
Sample : Q1174-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2932

Manual Integrations APPROVED

Reviewed By :John Carlone 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025

Quant Time: Jan 24 19:04:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 24 19:02:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.277	114	113958	5.000	ug/L	0.04
28) Chlorobenzene-d5	9.415	117	106890	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.621	65	22610	3.582	ug/L	0.03
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.600%			
7) Chloroethane-d5	1.946	69	14825	2.920	ug/L	0.04
Spiked Amount 5.000	Range 65 - 130		Recovery = 58.400%#			
11) 1,1-Dichloroethene-d2	2.589	65	7931	2.426	ug/L	0.03
Spiked Amount 5.000	Range 60 - 125		Recovery = 48.600%#			
20) 2-Butanone-d5	4.753	46	48769	37.807	ug/L	0.14
Spiked Amount 50.000	Range 40 - 130		Recovery = 75.620%			
24) Chloroform-d	5.103	84	60362	3.887	ug/L	0.05
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.800%			
26) 1,2-Dichloroethane-d4	5.746	65	33188	3.940	ug/L	0.06
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.800%			
32) Benzene-d6	5.766	84	109164	4.178	ug/L	0.05
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.600%			
36) 1,2-Dichloropropane-d6	6.714	67	34504	4.763	ug/L	0.04
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.200%			
41) Toluene-d8	7.907	98	100033	3.930	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.600%			
43) trans-1,3-Dichloroprop...	8.187	79	14184	3.928	ug/L	0.02
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.600%			
46) 2-Hexanone-d5	8.647	63	37416	32.944	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 65.880%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24767	4.082	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.600%			
66) 1,2-Dichlorobenzene-d4	12.183	152	33713	4.074	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 81.400%			
Target Compounds						Qvalue
13) Acetone	2.785	43	17246m	16.877	ug/L	
14) Carbon disulfide	2.811	76	11229	0.497	ug/L	99
16) Methylene chloride	3.071	84	2334	0.301	ug/L	89
19) 1,1-Dichloroethane	3.894	63	23748	1.752	ug/L	94
21) 2-Butanone	4.830	43	13211m	9.707	ug/L	
40) 4-Methyl-2-pentanone	7.814	43	17766	5.250	ug/L #	93
42) Toluene	7.981	91	7750	0.230	ug/L	95

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

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