Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
Data File : VU063071.D
Acq On : 28 Jan 2025 16:53
Operator : MD/SY
Sample : Q1174-07DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2937DL

Quant Time: Jan 29 09:34:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 08:16:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	123990	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	116595	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67996	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	13901	3.119	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.400%			
7) Chloroethane-d5	1.904	69	11427	3.377	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 67.600%			
11) 1,1-Dichloroethene-d2	2.557	65	9166	3.439	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.800%			
20) 2-Butanone-d5	4.621	46	66781	51.623	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.240%			
24) Chloroform-d	5.049	84	69159	3.906	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.200%			
26) 1,2-Dichloroethane-d4	5.692	65	43604	4.314	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.200%			
32) Benzene-d6	5.714	84	113529	4.261	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.200%			
36) 1,2-Dichloropropane-d6	6.679	67	31962	4.711	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.200%			
41) Toluene-d8	7.888	98	104762	3.977	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.600%			
43) trans-1,3-Dichloroprop...	8.171	79	18205	4.335	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.600%			
46) 2-Hexanone-d5	8.624	63	58992	56.294	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.580%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32684	5.074	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.400%			
66) 1,2-Dichlorobenzene-d4	12.184	152	53812	4.421	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.400%			
Target Compounds						Qvalue
13) Acetone	2.634	43	13239	15.827	ug/L	61
14) Carbon disulfide	2.779	76	9122	0.553	ug/L	97
19) 1,1-Dichloroethane	3.853	63	214143	17.922	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	13134	1.594	ug/L	91
40) 4-Methyl-2-pentanone	7.785	43	6157	2.009	ug/L #	80
42) Toluene	7.959	91	14218	0.423	ug/L	95
52) Ethylbenzene	9.566	91	9010	0.230	ug/L	96
53) m,p-Xylene	9.688	106	10948	0.725	ug/L	94
54) o-Xylene	10.094	106	3246	0.234	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	6414	0.180	ug/L	92

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

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