Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012925\
Data File : VU063086.D
Acq On : 29 Jan 2025 11:59
Operator : MD/SY
Sample : Q1195-15DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2966DL

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025

Quant Time: Jan 30 07:34:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 30 07:33:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.293	114	97998	5.000	ug/L	0.06
28) Chlorobenzene-d5	9.418	117	90108	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.634	65	9643	2.737	ug/L	0.04
Spiked Amount 5.000	Range 40 - 130		Recovery = 54.800%			
7) Chloroethane-d5	1.949	69	9811	3.668	ug/L	0.04
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.400%			
11) 1,1-Dichloroethene-d2	2.608	65	5906	2.803	ug/L	0.05
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.000%#			
20) 2-Butanone-d5	4.743	46	33801m	33.059	ug/L	0.13
Spiked Amount 50.000	Range 40 - 130		Recovery = 66.120%			
24) Chloroform-d	5.119	84	53867	3.849	ug/L	0.07
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.000%			
26) 1,2-Dichloroethane-d4	5.763	65	31242	3.911	ug/L	0.07
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.200%			
32) Benzene-d6	5.782	84	81259	3.946	ug/L	0.07
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.000%			
36) 1,2-Dichloropropane-d6	6.727	67	19599	3.738	ug/L	0.05
Spiked Amount 5.000	Range 60 - 140		Recovery = 74.800%			
41) Toluene-d8	7.914	98	81831	4.019	ug/L	0.03
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.400%			
43) trans-1,3-Dichloroprop...	8.193	79	13482	4.154	ug/L	0.02
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.000%			
46) 2-Hexanone-d5	8.647	63	34714	42.864	ug/L	0.03
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.720%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19852	3.988	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 79.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	41191	4.074	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 81.400%			
Target Compounds						Qvalue
13) Acetone	2.759	43	5244m	7.932	ug/L	
14) Carbon disulfide	2.830	76	13527	1.037	ug/L #	93
19) 1,1-Dichloroethane	3.914	63	8680	0.919	ug/L	91
42) Toluene	7.984	91	120631	4.649	ug/L	99
52) Ethylbenzene	9.569	91	53562	1.771	ug/L	97
53) m,p-Xylene	9.692	106	67360	5.768	ug/L	99
54) o-Xylene	10.097	106	44222	4.133	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	13288	0.448	ug/L	99

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

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