Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
Data File : VU062685.D
Acq On : 10 Jan 2025 15:37
Operator : MD/SY
Sample : Q1058-08
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH8X7

Manual Integrations APPROVED

Reviewed By :John Carlone 01/13/2025
Supervised By :Mahesh Dadoda 01/13/2025

Quant Time: Jan 10 22:45:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 10 22:42:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.306	114	97869	5.000 ug/L	0.07
28) Chlorobenzene-d5	9.422	117	90831	5.000 ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.807	152	45104	5.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.640	65	21862	4.033 ug/L	0.04
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.600%		
7) Chloroethane-d5	1.975	69	18802	4.312 ug/L	0.07
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.200%		
11) 1,1-Dichloroethene-d2	2.624	65	12050	4.291 ug/L	0.07
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.800%		
20) 2-Butanone-d5	4.769	46	48877	44.120 ug/L	0.16
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.240%		
24) Chloroform-d	5.161	84	64031	4.801 ug/L	0.11
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.000%		
26) 1,2-Dichloroethane-d4	5.779	65	36981	5.112 ug/L	0.09
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.200%		
32) Benzene-d6	5.798	84	111385	5.017 ug/L	0.08
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.400%		
36) 1,2-Dichloropropane-d6	6.737	67	32069	5.209 ug/L	0.06
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.200%		
41) Toluene-d8	7.923	98	106700	4.933 ug/L	0.04
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.600%		
43) trans-1,3-Dichloroprop...	8.200	79	15402	5.019 ug/L	0.03
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.400%		
46) 2-Hexanone-d5	8.650	63	49222	51.001 ug/L	0.03
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.000%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	24614	4.774 ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	41229	5.494 ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.800%		
Target Compounds					Qvalue
5) Vinyl chloride	1.647	62	29170	4.140 ug/L	99
12) 1,1-Dichloroethene	2.637	96	2391	0.394 ug/L #	1
13) Acetone	2.795	43	113554	129.393 ug/L	93
21) 2-Butanone	4.849	43	608650	520.759 ug/L	98
22) cis-1,2-Dichloroethene	4.740	96	71679	10.112 ug/L	98
34) Trichloroethene	6.589	95	9326	1.046 ug/L	95
42) Toluene	7.991	91	23833008m	833.444 ug/L	

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

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