

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063050.D
 Acq On : 28 Jan 2025 06:07
 Operator : MD/SY
 Sample : Q1195-15
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2966

Manual Integrations
 APPROVED

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

Quant Time: Jan 29 08:20:50 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	6.232	114	130095	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.405	117	96544	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	60864	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	24676	5.276	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.600%			
7) Chloroethane-d5	1.901	69	16521	4.653	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.000%			
11) 1,1-Dichloroethene-d2	2.554	65	14987	5.359	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 107.200%			
20) 2-Butanone-d5	4.637	46	50163	36.957	ug/L	0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 73.920%			
24) Chloroform-d	5.049	84	81840	4.405	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.200%			
26) 1,2-Dichloroethane-d4	5.689	65	69131	6.519	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 130.400%#			
32) Benzene-d6	5.711	84	215187	9.754	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 195.000%#			
36) 1,2-Dichloropropane-d6	6.679	67	60609	10.789	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 215.800%#			
41) Toluene-d8	7.888	98	189728	8.698	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 174.000%#			
43) trans-1,3-Dichloroprop...	8.171	79	19121	5.498	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 110.000%			
46) 2-Hexanone-d5	8.624	63	41853	48.234	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.460%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24393	4.573	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.400%			
66) 1,2-Dichlorobenzene-d4	12.183	152	46560	4.274	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.400%			
Target Compounds					Qvalue	
13) Acetone	2.669	43	67253	76.628	ug/L	89
14) Carbon disulfide	2.779	76	338323	19.541	ug/L	99
15) Methyl Acetate	2.946	43	38275	22.708	ug/L	90
16) Methylene chloride	3.029	84	12290	1.725	ug/L	78
19) 1,1-Dichloroethane	3.853	63	116839	9.320	ug/L	98
21) 2-Butanone	4.734	43	8612m	7.194	ug/L	
30) Cyclohexane	5.370	56	1266	0.182	ug/L	86
33) Benzene	5.762	78	103931	4.443	ug/L	100
35) Methylcyclohexane	6.746	83	2790	0.279	ug/L	# 84
40) 4-Methyl-2-pentanone	7.782	43	35252	13.891	ug/L	92
42) Toluene	7.959	91	1361528	48.974	ug/L	100
52) Ethylbenzene	9.557	91	312456	9.643	ug/L	99
53) m,p-Xylene	9.679	106	398093	31.816	ug/L	96
54) o-Xylene	10.087	106	266441	23.243	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	30368	0.898	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	86622	2.709	ug/L	98

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