

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU062996.D
 Acq On : 24 Jan 2025 16:27
 Operator : MD/SY
 Sample : Q1174-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2938

Manual Integrations
 APPROVED

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

Quant Time: Jan 24 19:07:28 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	6.357	114	120271	5.000	ug/L	0.12
28) Chlorobenzene-d5	9.434	117	108328	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.810	152	54415	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.724	65	29164	4.378	ug/L	0.13
Spiked Amount 5.000	Range 40 - 130		Recovery =	87.600%		
7) Chloroethane-d5	2.046	69	17723	3.308	ug/L	0.14
Spiked Amount 5.000	Range 65 - 130		Recovery =	66.200%		
11) 1,1-Dichloroethene-d2	2.708	65	11223	3.252	ug/L	0.15
Spiked Amount 5.000	Range 60 - 125		Recovery =	65.000%		
20) 2-Butanone-d5	4.833	46	34780m	25.547	ug/L	0.22
Spiked Amount 50.000	Range 40 - 130		Recovery =	51.100%		
24) Chloroform-d	5.168	84	53829	3.285	ug/L	0.12
Spiked Amount 5.000	Range 70 - 125		Recovery =	65.600%#		
26) 1,2-Dichloroethane-d4	5.849	65	36452	4.101	ug/L	0.16
Spiked Amount 5.000	Range 70 - 130		Recovery =	82.000%		
32) Benzene-d6	5.865	84	124082	4.686	ug/L	0.15
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.800%		
36) 1,2-Dichloropropane-d6	6.782	67	40002	5.448	ug/L	0.10
Spiked Amount 5.000	Range 60 - 140		Recovery =	109.000%		
41) Toluene-d8	7.946	98	109798	4.256	ug/L	0.06
Spiked Amount 5.000	Range 70 - 130		Recovery =	85.200%		
43) trans-1,3-Dichloroprop...	8.222	79	15140	4.137	ug/L	0.05
Spiked Amount 5.000	Range 55 - 130		Recovery =	82.800%		
46) 2-Hexanone-d5	8.669	63	47766	41.499	ug/L	0.05
Spiked Amount 50.000	Range 45 - 130		Recovery =	83.000%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	28484	4.632	ug/L	0.01
Spiked Amount 5.000	Range 65 - 120		Recovery =	92.600%		
66) 1,2-Dichlorobenzene-d4	12.190	152	37352	4.126	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	82.600%		
Target Compounds						
13) Acetone	2.911	43	131816m	122.225	ug/L	
14) Carbon disulfide	2.936	76	13808	0.579	ug/L	99
19) 1,1-Dichloroethane	4.029	63	3617	0.253	ug/L	89
21) 2-Butanone	4.917	43	17575	12.236	ug/L	79
40) 4-Methyl-2-pentanone	7.852	43	30821	8.987	ug/L #	95
42) Toluene	8.016	91	21575	0.633	ug/L	93
52) Ethylbenzene	9.589	91	6681	0.173	ug/L	98
53) m,p-Xylene	9.704	106	9244	0.639	ug/L	98
54) o-Xylene	10.110	106	8784	0.634	ug/L	88
63) 1,2,4-Trimethylbenzene	11.466	105	22177	0.719	ug/L	92

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

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