

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
 Data File : VU063073.D
 Acq On : 28 Jan 2025 17:43
 Operator : MD/SY
 Sample : Q1196-01DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2964DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2025
 Supervised By : Mahesh Dadoda 01/30/2025

Quant Time: Jan 29 09:39:45 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	109582	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	63036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	12778	3.244	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	64.800%		
7) Chloroethane-d5	1.901	69	13745	4.596	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	92.000%		
11) 1,1-Dichloroethene-d2	2.554	65	10330	4.385	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	87.600%		
20) 2-Butanone-d5	4.628	46	61929	54.167	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery =	108.340%		
24) Chloroform-d	5.049	84	68061	4.350	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.000%		
26) 1,2-Dichloroethane-d4	5.689	65	41991	4.701	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	94.000%		
32) Benzene-d6	5.714	84	109918	4.722	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.400%		
36) 1,2-Dichloropropane-d6	6.679	67	30438	5.135	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	102.600%		
41) Toluene-d8	7.888	98	109723	4.767	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	95.400%		
43) trans-1,3-Dichloroprop...	8.171	79	18314	4.990	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	99.800%		
46) 2-Hexanone-d5	8.624	63	55859	61.006	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	122.020%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	31415	5.581	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	111.600%		
66) 1,2-Dichlorobenzene-d4	12.184	152	52542	4.656	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	93.200%		
Target Compounds					Qvalue	
13) Acetone	2.641	43	8047m	10.885	ug/L	
33) Benzene	5.759	78	5958	0.241	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	3291	1.229	ug/L #	81
42) Toluene	7.962	91	32862	1.120	ug/L	96
47) Tetrachloroethene	8.541	164	53245	7.299	ug/L	94
52) Ethylbenzene	9.563	91	11420	0.334	ug/L	97
53) m,p-Xylene	9.685	106	12986	0.984	ug/L	98
54) o-Xylene	10.090	106	8178	0.676	ug/L	89
63) 1,2,4-Trimethylbenzene	11.460	105	10378	0.313	ug/L	95

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

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