

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057416.D
 Acq On : 09 Jan 2024 05:10
 Operator : MD/SY
 Sample : P1058-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YCHC2

Quant Time: Jan 09 06:29:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 06:09:25 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/09/2024
 Supervised By :Mahesh Dadoda 01/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	266813	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	257064	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105626	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	76513	41.665	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.320%		
7) Chloroethane-d5	1.914	69	60767	42.760	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.520%		
11) 1,1-Dichloroethene-d2	2.560	63	124768	32.055	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.100%		
21) 2-Butanone-d5	4.631	46	89833	100.955	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.950%		
24) Chloroform-d	5.055	84	184538	42.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.980%		
26) 1,2-Dichloroethane-d4	5.692	65	131425	45.812	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.620%		
32) Benzene-d6	5.718	84	327133	47.408	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.820%		
36) 1,2-Dichloropropane-d6	6.682	67	94502	48.522	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.040%		
41) Toluene-d8	7.891	98	289778	44.812	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.620%		
43) trans-1,3-Dichloroprop...	8.174	79	51706	44.479	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.960%		
47) 2-Hexanone-d5	8.643	63	66924	105.114	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.110%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	135476	46.547	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.100%		
66) 1,2-Dichlorobenzene-d4	12.190	152	100578	48.685	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.360%		
Target Compounds					Qvalue	
13) Acetone	2.650	43	28205	26.029	ug/L	68
22) 2-Butanone	4.721	43	19350m	18.123	ug/L	

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

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