

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057409.D
 Acq On : 09 Jan 2024 02:21
 Operator : MD/SY
 Sample : P1058-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YCHA2

Manual Integrations
 APPROVED

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

Quant Time: Jan 09 06:28:11 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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	268707	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	256981	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	108098	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	78688	42.547	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.100%		
7) Chloroethane-d5	1.914	69	61303	42.833	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.660%		
11) 1,1-Dichloroethene-d2	2.557	63	143027	36.487	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.980%		
21) 2-Butanone-d5	4.637	46	88132	98.345	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.340%		
24) Chloroform-d	5.052	84	185415	42.396	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.800%		
26) 1,2-Dichloroethane-d4	5.692	65	132686	45.925	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.860%		
32) Benzene-d6	5.721	84	330391	47.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.800%		
36) 1,2-Dichloropropane-d6	6.682	67	93815	48.185	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.380%		
41) Toluene-d8	7.891	98	298892	46.237	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.480%		
43) trans-1,3-Dichloroprop...	8.174	79	52246	44.958	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.920%		
47) 2-Hexanone-d5	8.650	63	64697	101.649	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.650%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	132142	45.417	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.840%		
66) 1,2-Dichlorobenzene-d4	12.190	152	103603	49.002	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.000%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	30803	16.918	ug/L	# 49
13) Acetone	2.650	43	27399	25.106	ug/L	97
19) 1,1-Dichloroethane	3.862	63	13484	3.910	ug/L	94
20) cis-1,2-Dichloroethene	4.656	96	7274	3.651	ug/L	91
22) 2-Butanone	4.721	43	16303m	15.161	ug/L	
30) 1,1,1-Trichloroethane	5.309	97	5916	1.496	ug/L	96

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

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