

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020724\
 Data File : VU057850.D
 Acq On : 07 Feb 2024 19:13
 Operator : MD/SY
 Sample : P1081-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B46

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/09/2024
 Supervised By :Semsettin Yesilyurt 02/09/2024

Quant Time: Feb 08 01:30:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 08 01:18:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	262455	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.438	117	258697	50.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.823	152	152235	50.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	98109	46.703	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.400%		
7) Chloroethane-d5	1.885	69	73807	45.289	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.580%		
11) 1,1-Dichloroethene-d2	2.554	63	128676	33.351	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.700%		
21) 2-Butanone-d5	4.618	46	67023	57.489	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	57.490%		
24) Chloroform-d	5.052	84	165788	44.489	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.980%		
26) 1,2-Dichloroethane-d4	5.692	65	112204	47.497	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.000%		
32) Benzene-d6	5.721	84	342675	43.847	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.700%		
36) 1,2-Dichloropropane-d6	6.682	67	108126	43.811	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.620%		
41) Toluene-d8	7.894	98	312843	44.154	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.300%		
43) trans-1,3-Dichloroprop...	8.177	79	54383	45.044	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.080%		
47) 2-Hexanone-d5	8.637	63	106047	105.269	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.270%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	172861	53.805	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	107.600%		
66) 1,2-Dichlorobenzene-d4	12.209	152	133005	45.476	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.960%		
Target Compounds						Qvalue
13) Acetone	2.618	43	8833	5.898	ug/L	98
25) Chloroform	5.078	83	46399	12.820	ug/L	97
29) Cyclohexane	5.380	56	23550	6.996	ug/L	97
31) Carbon tetrachloride	5.515	117	15059	5.183	ug/L	95
33) Benzene	5.766	78	13122019	1602.339	ug/L	100
42) Toluene	7.965	91	83924	9.785	ug/L	98
46) Tetrachloroethene	8.550	164	3116	2.040	ug/L	87
51) Chlorobenzene	9.441	112	42724327m	7843.372	ug/L	
64) 1,3-Dichlorobenzene	11.749	146	5976377	1240.253	ug/L	97
65) 1,4-Dichlorobenzene	11.836	146	28463152m	5758.813	ug/L	
67) 1,2-Dichlorobenzene	12.212	146	30767890m	6333.905	ug/L	
70) 1,2,4-trichlorobenzene	13.839	180	3457942	1192.742	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	856897	315.880	ug/L	100

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

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