

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020724\
 Data File : VU057851.D
 Acq On : 07 Feb 2024 19:45
 Operator : MD/SY
 Sample : P1081-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B73

Manual Integrations
 APPROVED

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

Quant Time: Feb 08 01:30:45 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	6.245	114	284732	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.422	117	275108	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	139246	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	112027	49.156	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.320%		
7) Chloroethane-d5	1.907	69	84946	48.046	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.100%		
11) 1,1-Dichloroethene-d2	2.560	63	144179	34.446	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.900%		
21) 2-Butanone-d5	4.615	46	98885	78.182	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.180%		
24) Chloroform-d	5.055	84	183873	45.482	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.960%		
26) 1,2-Dichloroethane-d4	5.695	65	123998	48.383	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.760%		
32) Benzene-d6	5.721	84	380494	45.782	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.560%		
36) 1,2-Dichloropropane-d6	6.685	67	120448	45.892	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.780%		
41) Toluene-d8	7.894	98	344299	45.695	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.400%		
43) trans-1,3-Dichloroprop...	8.177	79	59135	46.058	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.120%		
47) 2-Hexanone-d5	8.627	63	102406	95.590	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.590%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	160740	47.047	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.100%		
66) 1,2-Dichlorobenzene-d4	12.190	152	129217	48.302	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.600%		
Target Compounds						
15) Methyl Acetate	2.946	43	8003	3.872	ug/L	98
33) Benzene	5.766	78	3392585	389.558	ug/L	100
51) Chlorobenzene	9.441	112	25873207m	4466.486	ug/L	
64) 1,3-Dichlorobenzene	11.743	146	64069	14.536	ug/L	93
65) 1,4-Dichlorobenzene	11.833	146	283747	62.764	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	236976	53.335	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	57876	21.825	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	26125	10.529	ug/L	97

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

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