

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020724\
 Data File : VU057846.D
 Acq On : 07 Feb 2024 17:35
 Operator : MD/SY
 Sample : P1081-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B38

Manual Integrations
 APPROVED

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

Quant Time: Feb 08 01:29:12 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	256118	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.444	117	237473	50.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.823	152	152535	50.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	95450	46.561	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.120%		
7) Chloroethane-d5	1.891	69	75764	47.640	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.280%		
11) 1,1-Dichloroethene-d2	2.557	63	128652	34.170	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.340%		
21) 2-Butanone-d5	4.615	46	65098	57.219	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	57.220%		
24) Chloroform-d	5.052	84	167107	45.953	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.900%		
26) 1,2-Dichloroethane-d4	5.692	65	112175	48.660	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.320%		
32) Benzene-d6	5.721	84	345398	48.145	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.300%		
36) 1,2-Dichloropropane-d6	6.682	67	107943	47.646	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.300%		
41) Toluene-d8	7.894	98	312825	48.098	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.200%		
43) trans-1,3-Dichloroprop...	8.174	79	51958	46.882	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.760%		
47) 2-Hexanone-d5	8.637	63	102194	110.510	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.510%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	169142	57.353	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	114.700%		
66) 1,2-Dichlorobenzene-d4	12.209	152	136425	46.554	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.100%		
Target Compounds						
						Qvalue
13) Acetone	2.615	43	20591	14.088	ug/L	97
14) Carbon disulfide	2.785	76	7850	1.507	ug/L	96
20) cis-1,2-Dichloroethene	4.653	96	3389	1.709	ug/L	97
25) Chloroform	5.078	83	44490	12.597	ug/L	98
29) Cyclohexane	5.377	56	25764	8.338	ug/L	95
31) Carbon tetrachloride	5.521	117	2507	0.940	ug/L	97
33) Benzene	5.759	78	21563024m	2868.405	ug/L	
34) Trichloroethene	6.541	95	3099	1.533	ug/L	90
42) Toluene	7.965	91	52128	6.621	ug/L	97
46) Tetrachloroethene	8.554	164	3583	2.556	ug/L	93
51) Chlorobenzene	9.441	112	48796568m	9758.746	ug/L	
64) 1,3-Dichlorobenzene	11.750	146	5343220	1106.676	ug/L	97
65) 1,4-Dichlorobenzene	11.836	146	29152505m	5886.686	ug/L	
67) 1,2-Dichlorobenzene	12.213	146	29126156m	5984.143	ug/L	
70) 1,2,4-trichlorobenzene	13.836	180	1418490	488.315	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	334607	123.104	ug/L	99

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