

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020123\
 Data File : VU052917.D
 Acq On : 01 Feb 2023 19:50
 Operator : JC/MD
 Sample : 01381-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44K7

Quant Time: Feb 01 21:01:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 20:03:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/03/2023
 Supervised By :Mahesh Dadoda 02/03/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	218362	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.443	117	253172	50.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.819	152	177816	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	55106	35.062	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.120%		
7) Chloroethane-d5	1.899	69	52290	40.378	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.760%		
11) 1,1-Dichloroethene-d2	2.559	63	95365	30.507	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.020%		
21) 2-Butanone-d5	4.629	46	69919	72.014	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	72.010%		
24) Chloroform-d	5.057	84	139441	41.572	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.140%		
26) 1,2-Dichloroethane-d4	5.697	65	93780	43.787	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.580%		
32) Benzene-d6	5.726	84	278904	36.058	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.120%		
36) 1,2-Dichloropropane-d6	6.693	67	77838	34.312	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	68.620%#		
41) Toluene-d8	7.896	98	284423	40.382	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.760%		
43) trans-1,3-Dichloroprop...	8.179	79	49028	43.120	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.240%		
47) 2-Hexanone-d5	8.645	63	56347	70.691	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	70.690%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	124380	37.110	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	74.220%		
66) 1,2-Dichlorobenzene-d4	12.237	152	183543	53.159	ug/L	0.05
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.320%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.575	96	7935	4.912	ug/L #	1
17) trans-1,2-Dichloroethene	3.346	96	1951	1.118	ug/L	96
20) cis-1,2-Dichloroethene	4.658	96	86901	46.625	ug/L	95
25) Chloroform	5.083	83	25655	7.465	ug/L	96
29) Cyclohexane	5.388	56	6070	2.023	ug/L #	95
30) 1,1,1-Trichloroethane	5.314	97	21053	5.653	ug/L	96
33) Benzene	5.771	78	334829	38.852	ug/L	100
34) Trichloroethene	6.549	95	29003133m	13240.710	ug/L	
35) Methylcyclohexane	6.764	83	7039	2.030	ug/L #	74
42) Toluene	7.967	91	144808	16.395	ug/L	97
46) Tetrachloroethene	8.552	164	4338	2.300	ug/L	94
51) Chlorobenzene	9.446	112	38785532m	6382.727	ug/L	
53) m,p-Xylene	9.690	106	5659	1.481	ug/L	87
64) 1,3-Dichlorobenzene	11.748	146	4844955	836.186	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	21074231m	3513.363	ug/L	
67) 1,2-Dichlorobenzene	12.214	146	40952832m	6987.859	ug/L	
70) 1,2,4-trichlorobenzene	13.838	180	854474	237.600	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	113526	29.870	ug/L	98

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

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