

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047901.D
 Acq On : 11 Apr 2022 13:24
 Operator : SY/MD
 Sample : N2343-18DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J71DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 12 02:02:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 01:57:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	304869	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	318185	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	183114	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	105903	47.903	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.800%		
7) Chloroethane-d5	1.916	69	93335	53.542	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	107.080%		
11) 1,1-Dichloroethene-d2	2.572	63	139256	34.428	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.860%		
21) 2-Butanone-d5	4.623	46	183004	96.441	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.440%		
24) Chloroform-d	5.067	84	202714	50.112	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.220%		
26) 1,2-Dichloroethane-d4	5.703	65	128557	51.817	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.640%		
32) Benzene-d6	5.729	84	400995	50.084	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.160%		
36) 1,2-Dichloropropane-d6	6.690	67	128817	52.389	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.780%		
41) Toluene-d8	7.899	98	357414	45.819	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.640%		
43) trans-1,3-Dichloroprop...	8.179	79	55414	44.484	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.960%		
47) 2-Hexanone-d5	8.632	63	130387	90.584	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.580%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	202331	47.948	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.900%		
66) 1,2-Dichlorobenzene-d4	12.192	152	168600m	51.753	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.500%		
Target Compounds						
25) Chloroform	5.092	83	30344	7.245	ug/L	98
33) Benzene	5.777	78	1501136	162.991	ug/L	100
51) Chlorobenzene	9.449	112	1454051	211.913	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	207575	37.737	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	1086366	190.674	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	1212566	220.311	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	172357	44.048	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	64583	16.464	ug/L	100

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

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