

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050844.D
 Acq On : 20 Sep 2022 20:21
 Operator : JC/MD
 Sample : N4651-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ46

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 21 02:27:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:18:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	419148	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	400820	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	151583	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	193286	44.509	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.020%		
7) Chloroethane-d5	1.906	69	152816	49.410	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.820%		
11) 1,1-Dichloroethene-d2	2.565	63	235541m	34.858	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.720%		
21) 2-Butanone-d5	4.623	46	318334	113.544	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.540%		
24) Chloroform-d	5.063	84	324741	47.717	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.440%		
26) 1,2-Dichloroethane-d4	5.700	65	206112	49.144	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.280%		
32) Benzene-d6	5.726	84	654005	49.537	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.080%		
36) 1,2-Dichloropropane-d6	6.690	67	226733	50.879	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.760%		
41) Toluene-d8	7.896	98	534329	46.301	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.600%		
43) trans-1,3-Dichloroprop...	8.179	79	88262	45.528	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.060%		
47) 2-Hexanone-d5	8.632	63	194694	106.016	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.020%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	323779	47.656	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.320%		
66) 1,2-Dichlorobenzene-d4	12.192	152	173274	54.596	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.200%		
Target Compounds						
5) Vinyl chloride	1.604	62	19718	3.992	ug/L	89
13) Acetone	2.632	43	5742	2.419	ug/L	95
17) trans-1,2-Dichloroethene	3.356	96	4290	1.299	ug/L	97
19) 1,1-Dichloroethane	3.867	63	197390	29.578	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	140610	38.397	ug/L	99
27) 1,2-Dichloroethane	5.796	62	2530	0.501	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	63227	11.857	ug/L	98
46) Tetrachloroethene	8.552	164	3858	1.567	ug/L	94

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

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