

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055827.D
 Acq On : 20 Oct 2023 13:02
 Operator : MD/SY
 Sample : 04947-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45K0

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/23/2023
 Supervised By : Mahesh Dadoda 10/26/2023

Quant Time: Oct 23 01:06:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	478646	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	482684	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	226166	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	169670	39.520	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.040%		
7) Chloroethane-d5	1.888	69	149518m	42.605	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.200%		
11) 1,1-Dichloroethene-d2	2.557	63	248013	32.398	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.800%		
21) 2-Butanone-d5	4.615	46	249180	78.328	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.330%		
24) Chloroform-d	5.055	84	357805	43.473	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.940%		
26) 1,2-Dichloroethane-d4	5.695	65	236076	46.599	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.200%		
32) Benzene-d6	5.721	84	706047	45.717	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.440%		
36) 1,2-Dichloropropane-d6	6.685	67	228744	46.786	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.580%		
41) Toluene-d8	7.894	98	619404	44.417	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.840%		
43) trans-1,3-Dichloroprop...	8.177	79	98935	42.125	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.260%		
47) 2-Hexanone-d5	8.631	63	123366	64.184	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	64.180%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	359480	47.768	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.540%		
66) 1,2-Dichlorobenzene-d4	12.190	152	235568	52.487	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.980%		
Target Compounds						Qvalue
34) Trichloroethene	6.541	95	5434	1.302	ug/L	92
46) Tetrachloroethene	8.550	164	7391	2.473	ug/L	89

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

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