

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035153.D
 Acq On : 19 Apr 2023 03:15
 Operator : JC/MD
 Sample : 02397-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM9

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/19/2023
 Supervised By : Mahesh Dadoda 04/19/2023

Quant Time: Apr 19 03:38:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	489222	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	430805	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	206587	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	162443	51.496	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.000%			
7) Chloroethane-d5	1.672	69	126674	55.573	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.140%			
11) 1,1-Dichloroethene-d2	2.306	65	79070	52.386	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.780%			
21) 2-Butanone-d5	4.458	46	225645	107.340	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.340%			
24) Chloroform-d	5.056	84	315444	53.100	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.200%			
26) 1,2-Dichloroethane-d4	5.952	65	209815	55.000	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.000%			
32) Benzene-d6	5.976	84	682055	55.114	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.220%			
36) 1,2-Dichloropropane-d6	7.305	67	209401	55.394	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.780%			
41) Toluene-d8	8.647	98	620850	54.893	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.780%			
43) trans-1,3-Dichloroprop...	8.951	79	82003	49.638	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.280%			
47) 2-Hexanone-d5	9.384	63	165615	109.098	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.100%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	250531	54.116	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.240%			
66) 1,2-Dichlorobenzene-d4	12.323	152	225488m	56.324	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.640%			
Target Compounds						Qvalue
51) Chlorobenzene	10.079	112	2298860	257.791	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	173699	27.112	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	651251	99.341	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	5411085	832.977	ug/L	94
70) 1,2,4-trichlorobenzene	13.585	180	778526	209.922	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	124588	34.029	ug/L	99

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

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