

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035139.D
 Acq On : 18 Apr 2023 21:52
 Operator : JC/MD
 Sample : 02397-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COML5

Manual Integrations
 APPROVED

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

Quant Time: Apr 19 01:37:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM041823WMA.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	500357	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	440242	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	224202	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	169613	52.572	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.140%			
7) Chloroethane-d5	1.672	69	126402	54.220	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.440%			
11) 1,1-Dichloroethene-d2	2.306	65	82188	53.240	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.480%			
21) 2-Butanone-d5	4.459	46	241663	112.401	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.400%			
24) Chloroform-d	5.062	84	325613	53.592	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.180%			
26) 1,2-Dichloroethane-d4	5.952	65	215164	55.147	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.300%			
32) Benzene-d6	5.970	84	700694	55.406	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.820%			
36) 1,2-Dichloropropane-d6	7.306	67	212784	55.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.160%			
41) Toluene-d8	8.647	98	632666	54.739	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.480%			
43) trans-1,3-Dichloroprop...	8.952	79	85995	50.938	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.880%			
47) 2-Hexanone-d5	9.384	63	176416	113.722	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.720%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	260701	55.105	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.220%			
66) 1,2-Dichlorobenzene-d4	12.323	152	236396m	54.409	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.820%			
Target Compounds						
35) Methylcyclohexane	7.379	83	18195	3.810	ug/L #	80
51) Chlorobenzene	10.079	112	1763313	193.497	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	1329930	191.276	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	5518554	775.653	ug/L	93
67) 1,2-Dichlorobenzene	12.341	146	11228307	1592.672	ug/L #	79
70) 1,2,4-trichlorobenzene	13.603	180	11342708m	2818.151	ug/L	
72) 1,2,3-Trichlorobenzene	13.963	180	2337444	588.274	ug/L	98

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

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