

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035150.D
 Acq On : 19 Apr 2023 02:06
 Operator : JC/MD
 Sample : 02397-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM6

Manual Integrations
 APPROVED

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

Quant Time: Apr 19 02:48:32 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	513653	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	451163	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	226647	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	168534	50.886	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.780%			
7) Chloroethane-d5	1.672	69	126262	52.758	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.520%			
11) 1,1-Dichloroethene-d2	2.306	65	82828	52.266	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.540%			
21) 2-Butanone-d5	4.458	46	230216	104.306	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.310%			
24) Chloroform-d	5.056	84	325915	52.253	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.500%			
26) 1,2-Dichloroethane-d4	5.958	65	216594	54.076	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.160%			
32) Benzene-d6	5.976	84	703036	54.246	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.500%			
36) 1,2-Dichloropropane-d6	7.305	67	211317	53.378	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.760%			
41) Toluene-d8	8.647	98	640015	54.034	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.060%			
43) trans-1,3-Dichloroprop...	8.951	79	86202	49.825	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.660%			
47) 2-Hexanone-d5	9.384	63	169391	106.550	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.550%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	251575	51.889	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.780%			
66) 1,2-Dichlorobenzene-d4	12.323	152	228439	52.011	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.020%			
Target Compounds						
25) Chloroform	5.092	83	15060	2.438	ug/L	92
29) Cyclohexane	5.476	56	6140	1.126	ug/L #	90
31) Carbon tetrachloride	5.678	117	30195	6.730	ug/L	95
33) Benzene	6.043	78	14690037	1075.178	ug/L	100
46) Tetrachloroethene	9.275	164	2142	0.791	ug/L	84
51) Chlorobenzene	10.092	112	18651101m	1997.130	ug/L	
64) 1,3-Dichlorobenzene	11.969	146	1307906	186.079	ug/L	98
65) 1,4-Dichlorobenzene	12.049	146	12637990	1757.152	ug/L #	77
67) 1,2-Dichlorobenzene	12.341	146	9910427	1390.574	ug/L #	83
70) 1,2,4-trichlorobenzene	13.591	180	5500515	1351.887	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	1572412	391.466	ug/L	99

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

