

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035152.D
 Acq On : 19 Apr 2023 02:52
 Operator : JC/MD
 Sample : 02397-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM8

Manual Integrations
 APPROVED

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

Quant Time: Apr 19 03:34:22 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	475826	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	411033	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	198710	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	158050	51.514	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.020%			
7) Chloroethane-d5	1.672	69	122226	55.131	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.260%			
11) 1,1-Dichloroethene-d2	2.306	65	76401	52.043	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.080%			
21) 2-Butanone-d5	4.459	46	230620	112.795	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.800%			
24) Chloroform-d	5.056	84	314179	54.376	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.760%			
26) 1,2-Dichloroethane-d4	5.952	65	210151	56.638	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.280%			
32) Benzene-d6	5.970	84	667151	56.503	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.000%			
36) 1,2-Dichloropropane-d6	7.306	67	207924	57.649	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 115.300%			
41) Toluene-d8	8.647	98	593221	54.973	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.940%			
43) trans-1,3-Dichloroprop...	8.952	79	82070	52.068	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.140%			
47) 2-Hexanone-d5	9.384	63	168540	116.365	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.370%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	252702	57.210	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 114.420%			
66) 1,2-Dichlorobenzene-d4	12.323	152	216746m	56.286	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.580%			
Target Compounds						Qvalue
51) Chlorobenzene	10.079	112	2156314	253.437	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	157901	25.623	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	617597	97.942	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	5130529	821.096	ug/L	95
70) 1,2,4-trichlorobenzene	13.585	180	727317	203.888	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	120337	34.171	ug/L	98

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

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