

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035199.D
 Acq On : 20 Apr 2023 03:02
 Operator : JC/MD
 Sample : 02378-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMLO

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/20/2023
 Supervised By : Mahesh Dadoda 04/21/2023

Quant Time: Apr 20 05:11:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	474026	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.067	117	399901	50.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	12.030	152	206455	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	116640	38.161	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.320%		
7) Chloroethane-d5	1.672	69	92051	41.678	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.360%		
11) 1,1-Dichloroethene-d2	2.306	65	60037	41.051	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.100%		
21) 2-Butanone-d5	4.464	46	209466	102.838	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.840%		
24) Chloroform-d	5.056	84	277039	48.130	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.260%		
26) 1,2-Dichloroethane-d4	5.958	65	178949	48.412	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.820%		
32) Benzene-d6	5.976	84	558919	48.654	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.300%		
36) 1,2-Dichloropropane-d6	7.305	67	171337	48.827	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.660%		
41) Toluene-d8	8.647	98	495513	47.197	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.400%		
43) trans-1,3-Dichloroprop...	8.951	79	70054	45.682	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.360%		
47) 2-Hexanone-d5	9.390	63	151211	107.307	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.310%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	220203	51.240	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.480%		
66) 1,2-Dichlorobenzene-d4	12.329	152	175989	43.988	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.980%		
Target Compounds						Qvalue
25) Chloroform	5.092	83	261238	45.835	ug/L	97
29) Cyclohexane	5.483	56	12636	2.615	ug/L	98
31) Carbon tetrachloride	5.678	117	99993	25.142	ug/L	99
33) Benzene	6.056	78	24498716	2022.933	ug/L	100
35) Methylcyclohexane	7.379	83	5949	1.371	ug/L #	83
46) Tetrachloroethene	9.275	164	2780	1.158	ug/L	86
51) Chlorobenzene	10.092	112	29142794m	3520.579	ug/L	
64) 1,3-Dichlorobenzene	11.975	146	3757929	586.940	ug/L	95
65) 1,4-Dichlorobenzene	12.055	146	16901954	2579.841	ug/L #	70
67) 1,2-Dichlorobenzene	12.353	146	16369858	2521.570	ug/L #	71
70) 1,2,4-trichlorobenzene	13.597	180	9186688	2478.680	ug/L #	96
72) 1,2,3-Trichlorobenzene	13.963	180	3145536	859.701	ug/L	98

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

