

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035142.D
 Acq On : 18 Apr 2023 23:01
 Operator : JC/MD
 Sample : 02397-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COML8

Manual Integrations
 APPROVED

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

Quant Time: Apr 19 01:38:35 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	497517	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.080	117	396836	50.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	12.037	152	207952	50.000	ug/L	# 0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	174692	54.455	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.920%			
7) Chloroethane-d5	1.673	69	135017	58.246	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 116.500%			
11) 1,1-Dichloroethene-d2	2.307	65	81562	53.136	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.280%			
21) 2-Butanone-d5	4.459	46	240227	112.371	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.370%			
24) Chloroform-d	5.056	84	330974	54.785	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.580%			
26) 1,2-Dichloroethane-d4	5.995	65	223925m	57.720	ug/L	0.04
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.440%			
32) Benzene-d6	6.001	84	689470	60.482	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery = 120.960%			
36) 1,2-Dichloropropane-d6	7.306	67	208354	59.835	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 119.660%			
41) Toluene-d8	8.647	98	624322	59.925	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 119.840%			
43) trans-1,3-Dichloroprop...	8.952	79	87696	57.628	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 115.260%			
47) 2-Hexanone-d5	9.391	63	178078	127.349	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 127.350%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	252343	59.173	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 118.340%			
66) 1,2-Dichlorobenzene-d4	12.329	152	208872	51.831	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.660%			
Target Compounds						Qvalue
14) Carbon disulfide	2.508	76	10003	1.362	ug/L	97
25) Chloroform	5.093	83	207647	34.712	ug/L	98
29) Cyclohexane	5.477	56	20605	4.297	ug/L	98
31) Carbon tetrachloride	5.678	117	126890	32.152	ug/L	99
33) Benzene	6.056	78	55849387m	4647.272	ug/L	
35) Methylcyclohexane	7.379	83	6936	1.611	ug/L #	76
46) Tetrachloroethene	9.281	164	3606	1.514	ug/L	86
51) Chlorobenzene	10.092	112	35959815m	4377.657	ug/L	
64) 1,3-Dichlorobenzene	11.976	146	2923860	453.382	ug/L	97
65) 1,4-Dichlorobenzene	12.055	146	19968047	3025.895	ug/L #	65
67) 1,2-Dichlorobenzene	12.354	146	17090770	2613.666	ug/L #	68
70) 1,2,4-trichlorobenzene	13.591	180	3674538	984.298	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	542545	147.215	ug/L	99

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

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