

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035200.D
 Acq On : 20 Apr 2023 03:25
 Operator : JC/MD
 Sample : 02378-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COML1

Manual Integrations
 APPROVED

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

Quant Time: Apr 20 05:11:34 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	470739	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	416634	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	212080	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	119574	39.394	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.780%		
7) Chloroethane-d5	1.672	69	90416	41.224	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.440%		
11) 1,1-Dichloroethene-d2	2.306	65	58205	40.076	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.160%		
21) 2-Butanone-d5	4.458	46	204420	101.061	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.060%		
24) Chloroform-d	5.056	84	261140	45.685	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.360%		
26) 1,2-Dichloroethane-d4	5.958	65	175146	47.714	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.420%		
32) Benzene-d6	5.976	84	546219	45.639	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.280%		
36) 1,2-Dichloropropane-d6	7.311	67	171990	47.045	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.080%		
41) Toluene-d8	8.646	98	489595	44.760	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.520%		
43) trans-1,3-Dichloroprop...	8.951	79	68671	42.982	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.960%		
47) 2-Hexanone-d5	9.384	63	149809	102.042	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.040%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	219641	49.057	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.120%		
66) 1,2-Dichlorobenzene-d4	12.323	152	186219	45.310	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.620%		
Target Compounds					Qvalue	
25) Chloroform	5.092	83	19341	3.417	ug/L	97
31) Carbon tetrachloride	5.677	117	13125	3.168	ug/L	96
33) Benzene	6.043	78	13498718	1069.864	ug/L	100
51) Chlorobenzene	10.085	112	12510451m	1450.620	ug/L	
64) 1,3-Dichlorobenzene	11.969	146	968057	147.188	ug/L	99
65) 1,4-Dichlorobenzene	12.048	146	8423810	1251.671	ug/L	# 86
67) 1,2-Dichlorobenzene	12.341	146	9617114	1442.104	ug/L	# 84
70) 1,2,4-trichlorobenzene	13.591	180	1554299	408.246	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	353292	93.997	ug/L	100

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

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