

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080522\
 Data File : VW027230.D
 Acq On : 05 Aug 2022 17:22
 Operator : SY/MD
 Sample : N4021-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E22

Quant Time: Aug 06 04:01:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 03:57:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	321346	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	321757	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	128067	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	153097	69.880	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 139.760%#		
7) Chloroethane-d5	1.561	69	114397	71.425	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 142.840%#		
11) 1,1-Dichloroethene-d2	2.101	63	198576	49.552	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 99.100%		
21) 2-Butanone-d5	3.873	46	211033	108.214	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 108.210%		
24) Chloroform-d	4.342	84	255377	56.905	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 113.820%		
26) 1,2-Dichloroethane-d4	5.027	65	180669	64.841	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 129.680%#		
32) Benzene-d6	5.047	84	542845	70.354	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 140.700%#		
36) 1,2-Dichloropropane-d6	6.066	67	183713	66.934	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 133.860%#		
41) Toluene-d8	7.313	98	436473	66.365	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 132.720%#		
43) trans-1,3-Dichloroprop...	7.619	79	72046	60.221	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 120.440%		
47) 2-Hexanone-d5	8.085	63	151358	114.496	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 114.500%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	245126	54.803	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 109.600%		
66) 1,2-Dichlorobenzene-d4	11.625	152	153117	69.234	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 138.460%#		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.307	62	156337	48.055	ug/L	99
8) Chloroethane	1.577	64	14784	8.157	ug/L	99
12) 1,1-Dichloroethene	2.114	96	7372	3.311	ug/L	# 1
17) trans-1,2-Dichloroethene	2.757	96	12710	5.158	ug/L	90
20) cis-1,2-Dichloroethene	3.902	96	755372	295.108	ug/L	85
25) Chloroform	4.371	83	19465	3.894	ug/L	97
34) Trichloroethene	5.908	95	447901	169.179	ug/L	95
46) Tetrachloroethene	7.972	164	560569	289.288	ug/L	98

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

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