

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081022\
 Data File : VV027268.D
 Acq On : 10 Aug 2022 19:35
 Operator : SY/MD
 Sample : N4114-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5D46

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/14/2022
 Supervised By :Semsettin Yesilyurt 08/14/2022

Quant Time: Aug 11 03:55:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 02:29:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	328729	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	344992	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	144048	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	111046	49.547	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	99.100%	
7) Chloroethane-d5	1.561	69	96821	59.093	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	118.180%	
11) 1,1-Dichloroethene-d2	2.101	63	157355m	38.384	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	76.760%	
21) 2-Butanone-d5	3.870	46	225720	113.146	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	113.150%	
24) Chloroform-d	4.343	84	231884	50.510	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.020%	
26) 1,2-Dichloroethane-d4	5.027	65	165107	57.925	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	115.860%	
32) Benzene-d6	5.043	84	475044	57.420	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	114.840%	
36) 1,2-Dichloropropane-d6	6.066	67	169441	57.576	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	115.160%	
41) Toluene-d8	7.313	98	391925	55.578	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	111.160%	
43) trans-1,3-Dichloroprop...	7.619	79	66990	52.224	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	104.440%	
47) 2-Hexanone-d5	8.085	63	150124	105.914	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	105.910%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	244865	51.058	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	102.120%	
66) 1,2-Dichlorobenzene-d4	11.622	152	152645	61.363	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	122.720%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	72850	21.890	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	4106	1.629	ug/L	92
18) Methyl tert-butyl Ether	2.767	73	7081	0.945	ug/L #	95
20) cis-1,2-Dichloroethene	3.905	96	228211	87.155	ug/L	86

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

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