

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
 Data File : VV028795.D
 Acq On : 31 Oct 2022 21:07
 Operator : SY/MD
 Sample : N5321-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBXA4

Quant Time: Nov 01 07:20:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 04:42:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	432892	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	387254	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	172661	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	132162	32.206	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.420%		
7) Chloroethane-d5	1.565	69	130366	37.162	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.320%		
11) 1,1-Dichloroethene-d2	2.105	63	223029	28.571	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.140%#		
21) 2-Butanone-d5	3.873	46	257780	86.294	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.290%		
24) Chloroform-d	4.339	84	246414	39.813	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.620%		
26) 1,2-Dichloroethane-d4	5.027	65	178262	43.549	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.100%		
32) Benzene-d6	5.043	84	507930	42.015	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.040%		
36) 1,2-Dichloropropane-d6	6.066	67	174691	42.090	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.180%		
41) Toluene-d8	7.310	98	424011	39.897	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.800%#		
43) trans-1,3-Dichloroprop...	7.616	79	64219	40.287	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.580%		
47) 2-Hexanone-d5	8.085	63	154800	82.534	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.530%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	227197	41.513	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.020%		
66) 1,2-Dichlorobenzene-d4	11.616	152	147851	43.381	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.760%		
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	40635	8.349	ug/L	96
12) 1,1-Dichloroethene	2.114	96	18807	5.825	ug/L #	1
17) trans-1,2-Dichloroethene	2.754	96	389404	124.687	ug/L	97
20) cis-1,2-Dichloroethene	3.902	96	3651572	1059.696	ug/L #	100
33) Benzene	5.098	78	14919	1.094	ug/L	100
34) Trichloroethene	5.908	95	18234990m	5719.455	ug/L	
46) Tetrachloroethene	7.973	164	2836010	1283.447	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	8990	1.597	ug/L	88

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

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