

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080522\
 Data File : VV027233.D
 Acq On : 05 Aug 2022 18:37
 Operator : SY/MD
 Sample : N4021-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5D38

Quant Time: Aug 06 04:02:08 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2022
 Supervised By :Mahesh Dadoda 08/08/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	352400	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	357800	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	138163	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	143617	59.776	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 119.560%			
7) Chloroethane-d5	1.558	69	116526	66.343	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 132.680%#			
11) 1,1-Dichloroethene-d2	2.098	63	189340m	43.084	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.160%			
21) 2-Butanone-d5	3.873	46	210429	98.396	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.400%			
24) Chloroform-d	4.342	84	258602	52.546	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.100%			
26) 1,2-Dichloroethane-d4	5.027	65	176043	57.613	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.220%			
32) Benzene-d6	5.043	84	531334	61.925	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 123.860%			
36) 1,2-Dichloropropane-d6	6.066	67	180915	59.274	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 118.540%			
41) Toluene-d8	7.313	98	426059	58.256	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.520%			
43) trans-1,3-Dichloroprop...	7.619	79	69171	51.994	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.980%			
47) 2-Hexanone-d5	8.085	63	141705	96.396	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.400%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	247361	49.732	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.460%			
66) 1,2-Dichlorobenzene-d4	11.625	152	150009	62.872	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 125.740%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	48132	13.491	ug/L	95
17) trans-1,2-Dichloroethene	2.754	96	22804	8.439	ug/L	89
20) cis-1,2-Dichloroethene	3.905	96	116418	41.474	ug/L	85

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

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