

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
 Data File : VV034710.D
 Acq On : 18 Mar 2024 21:07
 Operator : SY/MD
 Sample : P1766-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COGN2

Quant Time: Mar 19 02:57:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 02:53:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	333226	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	315954	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	140187	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	159406	55.182	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 110.360%			
7) Chloroethane-d5	1.529	69	125576	55.799	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.600%			
11) 1,1-Dichloroethene-d2	2.060	65	68144	52.161	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.320%			
21) 2-Butanone-d5	3.786	46	207107	107.209	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.210%			
24) Chloroform-d	4.246	84	266580	52.193	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.380%			
26) 1,2-Dichloroethane-d4	4.941	65	174843	52.385	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.760%			
32) Benzene-d6	4.957	84	512818	53.779	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.560%			
36) 1,2-Dichloropropane-d6	5.986	67	159683	54.873	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.740%			
41) Toluene-d8	7.243	98	456575	52.910	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.820%			
43) trans-1,3-Dichloroprop...	7.551	79	72608	49.686	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.380%			
47) 2-Hexanone-d5	8.024	63	125685	86.491	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.490%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	204441	53.384	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.760%			
66) 1,2-Dichlorobenzene-d4	11.558	152	163545	57.075	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.140%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	11688	4.684	ug/L #	1
20) cis-1,2-Dichloroethene	3.815	96	10625	4.055	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	5217	1.151	ug/L #	87
34) Trichloroethene	5.831	95	147317	52.845	ug/L	97

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

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