

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
 Data File : VV034711.D
 Acq On : 18 Mar 2024 21:31
 Operator : SY/MD
 Sample : P1766-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COGN4

Quant Time: Mar 19 02:57:41 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	333776	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	309140	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	144517	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	150954	52.170	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.340%			
7) Chloroethane-d5	1.529	69	117466	52.109	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.220%			
11) 1,1-Dichloroethene-d2	2.059	65	65208	49.831	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.660%			
21) 2-Butanone-d5	3.789	46	195832	101.206	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.210%			
24) Chloroform-d	4.249	84	251401	49.140	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.280%			
26) 1,2-Dichloroethane-d4	4.940	65	167527	50.110	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.220%			
32) Benzene-d6	4.960	84	492802	52.820	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.640%			
36) 1,2-Dichloropropane-d6	5.985	67	150358	52.807	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.620%			
41) Toluene-d8	7.243	98	429364	50.853	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.700%			
43) trans-1,3-Dichloroprop...	7.551	79	68650	48.013	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.020%			
47) 2-Hexanone-d5	8.024	63	120312	84.618	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 84.620%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	196203	52.362	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.720%			
66) 1,2-Dichlorobenzene-d4	11.561	152	159062	53.847	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.700%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	12526	5.012	ug/L	# 1
20) cis-1,2-Dichloroethene	3.818	96	14809	5.642	ug/L	93
30) 1,1,1-Trichloroethane	4.516	97	9762	2.202	ug/L	98
34) Trichloroethene	5.837	95	18974	6.956	ug/L	96

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

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