

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039281.D
 Acq On : 16 Dec 2023 11:40
 Operator : JC/MD
 Sample : 05844-08DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHG4DL

Quant Time: Dec 16 21:11:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	212736	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	195027	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	95893	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	70880	42.479	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.960%		
7) Chloroethane-d5	1.666	69	53509	43.386	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.780%		
11) 1,1-Dichloroethene-d2	2.306	65	36776	50.210	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.420%		
21) 2-Butanone-d5	4.446	46	147779	97.841	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.840%		
24) Chloroform-d	5.056	84	141285	47.832	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.660%		
26) 1,2-Dichloroethane-d4	5.958	65	99056	51.782	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.560%		
32) Benzene-d6	5.970	84	295564	49.106	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.220%		
36) 1,2-Dichloropropane-d6	7.305	67	94517	48.795	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.600%		
41) Toluene-d8	8.647	98	263146	48.244	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.480%		
43) trans-1,3-Dichloroprop...	8.951	79	42720	43.339	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.680%		
47) 2-Hexanone-d5	9.384	63	106736	92.259	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.260%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131409	47.823	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.640%		
66) 1,2-Dichlorobenzene-d4	12.317	152	88394	48.768	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.540%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	5068	2.900	ug/L	# 76
12) 1,1-Dichloroethene	2.319	96	72937	53.220	ug/L	98
19) 1,1-Dichloroethane	3.611	63	11100	3.888	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	2062	1.231	ug/L	87

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

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