

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035146.D
 Acq On : 19 Apr 2023 00:34
 Operator : JC/MD
 Sample : 02397-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM2

Quant Time: Apr 19 01:39:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/19/2023
 Supervised By : Mahesh Dadoda 04/19/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	483083	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.079	117	365334	50.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	12.036	152	199155	50.000	ug/L	# 0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	161893	51.974	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.940%			
7) Chloroethane-d5	1.672	69	124898	55.490	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.980%			
11) 1,1-Dichloroethene-d2	2.306	65	80702	54.147	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 108.300%			
21) 2-Butanone-d5	4.458	46	230923	111.247	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.250%			
24) Chloroform-d	5.056	84	317816	54.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.360%			
26) 1,2-Dichloroethane-d4	5.958	65	213517	56.681	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.360%			
32) Benzene-d6	5.976	84	689778	65.727	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 131.460%#			
36) 1,2-Dichloropropane-d6	7.305	67	212021	66.138	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 132.280%#			
41) Toluene-d8	8.646	98	621915	64.841	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 129.680%#			
43) trans-1,3-Dichloroprop...	8.951	79	88572	63.222	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 126.440%#			
47) 2-Hexanone-d5	9.390	63	175326	136.193	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 136.190%#			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	252580	64.335	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 128.680%#			
66) 1,2-Dichlorobenzene-d4	12.341	152	187411	48.560	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.120%			
Target Compounds						Qvalue
29) Cyclohexane	5.470	56	44134	9.998	ug/L	99
31) Carbon tetrachloride	5.677	117	12010	3.306	ug/L	99
33) Benzene	6.049	78	18988201	1716.266	ug/L	100
35) Methylcyclohexane	7.378	83	25094	6.331	ug/L #	76
42) Toluene	8.720	91	27109	2.362	ug/L	95
46) Tetrachloroethene	9.274	164	2218	1.012	ug/L	93
51) Chlorobenzene	10.085	112	39627630m	5240.146	ug/L	
53) m,p-Xylene	10.305	106	3692	0.760	ug/L	75
64) 1,3-Dichlorobenzene	11.981	146	9255865	1498.636	ug/L	86
65) 1,4-Dichlorobenzene	12.054	146	22412305m	3546.310	ug/L	
67) 1,2-Dichlorobenzene	12.353	146	27899168m	4455.040	ug/L	
70) 1,2,4-trichlorobenzene	13.603	180	11751983	3287.054	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.969	180	5001881	1417.164	ug/L	96

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

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