

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071824\
 Data File : VX042375.D
 Acq On : 18 Jul 2024 17:23
 Operator : JC/MD
 Sample : P3215-13ME
 Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A4D26ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2024
 Supervised By : Mahesh Dadoda 07/22/2024

Quant Time: Jul 19 05:32:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 05:29:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	102475	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	93197	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	49532	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.392	65	29957m	50.224	ug/L	0.02
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.440%			
7) Chloroethane-d5	1.648	69	19898m	52.983	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.960%			
11) 1,1-Dichloroethene-d2	2.276	65	13838	53.009	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.020%			
21) 2-Butanone-d5	4.495	46	59629	138.724	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 138.720%#			
24) Chloroform-d	5.056	84	74379	62.019	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 124.040%			
26) 1,2-Dichloroethane-d4	5.952	65	48304	68.238	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 136.480%#			
32) Benzene-d6	5.964	84	156121	64.809	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 129.620%#			
36) 1,2-Dichloropropane-d6	7.305	67	49938	68.885	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 137.760%#			
41) Toluene-d8	8.647	98	139516	62.149	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 124.300%#			
43) trans-1,3-Dichloroprop...	8.952	79	18245	58.232	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 116.460%			
47) 2-Hexanone-d5	9.390	63	46747	142.060	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 142.060%#			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	75205	70.170	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 140.340%#			
66) 1,2-Dichlorobenzene-d4	12.323	152	66295	68.909	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 137.820%#			
Target Compounds						Qvalue
15) Methyl Acetate	2.721	43	5357	7.190	ug/L	91
29) Cyclohexane	5.458	56	2845	2.825	ug/L #	90
35) Methylcyclohexane	7.373	83	9098	8.789	ug/L	99
53) m,p-Xylene	10.305	106	2347	1.930	ug/L	98
54) o-Xylene	10.646	106	1395	1.148	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	3168	1.343	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	2737	1.083	ug/L	99

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

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