

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071824\
 Data File : VX042376.D
 Acq On : 18 Jul 2024 17:47
 Operator : JC/MD
 Sample : P3215-14ME
 Misc : 5.29g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A4D31ME

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 05:32:43 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	99136	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	89735	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	46671	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.404	65	14536	25.191	ug/L	0.04
Spiked Amount 50.000	Range 60 - 135		Recovery =	50.380%#		
7) Chloroethane-d5	1.703	69	9323m	25.661	ug/L	0.06
Spiked Amount 50.000	Range 70 - 130		Recovery =	51.320%#		
11) 1,1-Dichloroethene-d2	2.270	65	5846	23.149	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	46.300%#		
21) 2-Butanone-d5	4.501	46	27211	65.437	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	65.440%		
24) Chloroform-d	5.056	84	35597	30.681	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	61.360%#		
26) 1,2-Dichloroethane-d4	5.958	65	23979	35.016	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	70.040%		
32) Benzene-d6	5.964	84	73982	31.896	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	63.800%#		
36) 1,2-Dichloropropane-d6	7.306	67	22885	32.786	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	65.580%#		
41) Toluene-d8	8.647	98	66410	30.724	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	61.440%#		
43) trans-1,3-Dichloroprop...	8.952	79	8069	26.747	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.500%#		
47) 2-Hexanone-d5	9.397	63	20973	66.194	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	66.190%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	35074	33.988	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	67.980%		
66) 1,2-Dichlorobenzene-d4	12.323	152	31703	34.973	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	69.940%#		
Target Compounds						Qvalue
13) Acetone	2.416	43	4444	15.666	ug/L	85
15) Methyl Acetate	2.721	43	22094	30.653	ug/L	95
29) Cyclohexane	5.446	56	2933	3.024	ug/L #	68
35) Methylcyclohexane	7.373	83	9171	9.202	ug/L	99
42) Toluene	8.720	91	10274	3.837	ug/L	99
53) m,p-Xylene	10.299	106	4819	4.115	ug/L	99
54) o-Xylene	10.640	106	4072	3.481	ug/L	94
63) 1,2,4-Trimethylbenzene	11.756	105	5104	2.143	ug/L	96

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

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