

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072024\
 Data File : VX042407.D
 Acq On : 19 Jul 2024 17:19
 Operator : JC/MD
 Sample : P3215-14MERE
 Misc : 5.29g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A4D31MERE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/22/2024
 Supervised By : Mahesh Dadoda 07/24/2024

Quant Time: Jul 20 01:55:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 20 01:45:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	63105	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	56676	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	28380	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.398	65	15813m	43.051	ug/L	0.03
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.100%		
7) Chloroethane-d5	1.703	69	7899m	34.155	ug/L	0.05
Spiked Amount 50.000	Range 70 - 130		Recovery =	68.300%#		
11) 1,1-Dichloroethene-d2	2.276	65	5629	35.016	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.040%		
21) 2-Butanone-d5	4.507	46	22879	86.434	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.430%		
24) Chloroform-d	5.056	84	33801	45.768	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.540%		
26) 1,2-Dichloroethane-d4	5.952	65	22364	51.303	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.600%		
32) Benzene-d6	5.964	84	76578	52.274	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.540%		
36) 1,2-Dichloropropane-d6	7.306	67	21999	49.900	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.800%		
41) Toluene-d8	8.647	98	68370	50.082	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.160%		
43) trans-1,3-Dichloroprop...	8.958	79	7740	40.622	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.240%		
47) 2-Hexanone-d5	9.397	63	17142	85.661	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.660%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	30567	46.898	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.800%		
66) 1,2-Dichlorobenzene-d4	12.323	152	28552	51.797	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.600%		
Target Compounds						
13) Acetone	2.410	43	1882	10.422	ug/L	99
15) Methyl Acetate	2.721	43	12869	28.049	ug/L	98
29) Cyclohexane	5.452	56	2270m	3.706	ug/L	
35) Methylcyclohexane	7.366	83	6338	10.069	ug/L	93
42) Toluene	8.720	91	6041	3.572	ug/L	84
53) m,p-Xylene	10.299	106	2952	3.991	ug/L	92
54) o-Xylene	10.646	106	2325	3.147	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	2720	1.878	ug/L	100

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

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