

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039358.D
 Acq On : 19 Dec 2023 15:56
 Operator : JC/MD
 Sample : 05834-05ME
 Misc : 3.13g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BGQZ8ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2023
 Supervised By : Mahesh Dadoda 12/20/2023

Quant Time: Dec 19 22:06:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 19 22:02:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	204208	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	182262	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	87925	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	72549	45.295	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.600%
7) Chloroethane-d5	1.648	69	26937m	22.753	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.500%#
11) 1,1-Dichloroethene-d2	2.288	65	33662	47.878	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.760%
21) 2-Butanone-d5	4.483	46	120054	82.804	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.800%
24) Chloroform-d	5.056	84	130530	46.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.080%
26) 1,2-Dichloroethane-d4	5.952	65	97184	52.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.840%
32) Benzene-d6	5.970	84	283953	50.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.960%
36) 1,2-Dichloropropane-d6	7.306	67	88341	48.801	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.600%
41) Toluene-d8	8.647	98	245555	48.171	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.340%
43) trans-1,3-Dichloroprop...	8.952	79	37308	40.499	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.000%
47) 2-Hexanone-d5	9.397	63	90064	83.301	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.300%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	111852	43.556	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.120%
66) 1,2-Dichlorobenzene-d4	12.323	152	79124	47.609	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.220%
Target Compounds						
					Qvalue	
46) Tetrachloroethene	9.269	164	821	0.813	ug/L	97
51) Chlorobenzene	10.079	112	66990	17.657	ug/L	94
64) 1,3-Dichlorobenzene	11.969	146	3664	1.332	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	65039	23.340	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	5323	2.024	ug/L #	90
70) 1,2,4-trichlorobenzene	13.591	180	3961	2.310	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	2704	1.629	ug/L	99

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

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