

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046439.D
 Acq On : 16 Dec 2021 22:54
 Operator : SY/MD
 Sample : M5101-11ME
 Misc : 7.06g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGL35ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/17/2021
 Supervised By : Mahesh Dadoda 12/17/2021

Quant Time: Dec 17 04:05:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	155558	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	165770	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	81486	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	49503	38.632	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.260%
7) Chloroethane-d5	1.912	69	33369	33.917	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.840%#
11) 1,1-Dichloroethene-d2	2.546	63	64082	27.857	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.720%#
21) 2-Butanone-d5	4.649	46	69528	68.255	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.250%
24) Chloroform-d	5.063	84	88748	41.473	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.940%
26) 1,2-Dichloroethane-d4	5.703	65	61090	42.539	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.080%
32) Benzene-d6	5.722	84	180492	37.988	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.980%
36) 1,2-Dichloropropane-d6	6.690	67	55749	37.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.720%
41) Toluene-d8	7.899	98	158622	36.667	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.340%#
43) trans-1,3-Dichloroprop...	8.185	79	26022	36.608	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.220%
47) 2-Hexanone-d5	8.677	63	54586	78.185	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.180%
56) 1,1,2,2-Tetrachloroeth...	10.770	84	84042	37.635	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.260%
66) 1,2-Dichlorobenzene-d4	12.201	152	61264	39.040	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.080%#
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.864	63	1369	0.661	ug/L #	81
22) 2-Butanone	4.739	43	10413m	7.514	ug/L	
30) 1,1,1-Trichloroethane	5.311	97	11087	5.449	ug/L	99
46) Tetrachloroethene	8.552	164	11159	11.488	ug/L	98

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

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