Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046143.D
Acq On : 07 Dec 2021 16:10
Operator : SY/MD
Sample : M4960-04 10X
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKR9

Quant Time: Dec 08 04:53:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	220523	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	214865	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	119109	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	85460	47.045	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.100%			
7) Chloroethane-d5	1.919	69	63072	45.221	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.440%			
11) 1,1-Dichloroethene-d2	2.568	63	116862	35.836	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.680%			
21) 2-Butanone-d5	4.642	46	131990	91.401	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.400%			
24) Chloroform-d	5.067	84	136688	45.059	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.120%			
26) 1,2-Dichloroethane-d4	5.703	65	97887	48.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.160%			
32) Benzene-d6	5.729	84	324853	52.750	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.500%			
36) 1,2-Dichloropropane-d6	6.694	67	98254	51.480	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.960%			
41) Toluene-d8	7.899	98	298135	53.170	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.340%			
43) trans-1,3-Dichloroprop...	8.179	79	47892	51.981	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.960%			
47) 2-Hexanone-d5	8.636	63	100730	111.312	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.310%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	148221	51.208	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.420%			
66) 1,2-Dichlorobenzene-d4	12.195	152	124266	54.174	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.340%			
Target Compounds						Qvalue
25) Chloroform	5.089	83	14426	4.425	ug/L	98
33) Benzene	5.774	78	3868	0.595	ug/L	100
42) Toluene	7.970	91	27793	3.983	ug/L	94
52) Ethylbenzene	9.571	91	14231	1.895	ug/L	95
53) m,p-Xylene	9.694	106	20859	7.122	ug/L	96
54) o-xylene	10.102	106	5843	2.056	ug/L	97
55) Styrene	10.112	104	3543	0.730	ug/L	84
62) 1,3,5-Trimethylbenzene	11.089	105	7523	1.165	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	23342	3.612	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	3985	1.075	ug/L	87

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

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