Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013025\
Data File : VU063106.D
Acq On : 30 Jan 2025 18:24
Operator : MD/SY
Sample : Q1148-05
Misc : 10.00g/10.0mL/100uL5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
XA174

Quant Time: Jan 31 07:54:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM013025WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 07:44:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	141402	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	148221	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75224	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	51045	49.550	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.100%			
7) Chloroethane-d5	1.866	69	19888	35.342	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 70.680%			
11) 1,1-Dichloroethene-d2	2.531	63	60273	33.490	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.980%			
21) 2-Butanone-d5	4.618	46	71992	108.274	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.270%			
24) Chloroform-d	5.046	84	95004	50.100	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.200%			
26) 1,2-Dichloroethane-d4	5.686	65	52116	48.317	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.640%			
32) Benzene-d6	5.708	84	180170	40.815	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.620%			
36) 1,2-Dichloropropane-d6	6.676	67	57634	39.899	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 79.800%			
41) Toluene-d8	7.885	98	165225	41.341	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.680%			
43) trans-1,3-Dichloroprop...	8.171	79	28535	42.939	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.880%			
47) 2-Hexanone-d5	8.631	63	69266	111.879	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.880%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	103248	48.735	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.460%			
66) 1,2-Dichlorobenzene-d4	12.184	152	68836	47.514	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.020%			
Target Compounds						Qvalue
13) Acetone	2.625	43	151839	365.170	ug/L	98
15) Methyl Acetate	2.943	43	14304	14.362	ug/L	96
16) Methylene chloride	3.020	84	108576	97.828	ug/L	98
17) trans-1,2-Dichloroethene	3.329	96	48063	48.770	ug/L	99
18) Methyl tert-butyl Ether	3.351	73	626949	206.034	ug/L	100
20) cis-1,2-Dichloroethene	4.644	96	130104	116.273	ug/L	97
22) 2-Butanone	4.698	43	75688	111.446	ug/L	91
27) 1,2-Dichloroethane	5.776	62	101326	76.055	ug/L	97
31) Carbon tetrachloride	5.505	117	231712	150.256	ug/L	100
33) Benzene	5.753	78	709777	149.052	ug/L	100
34) Trichloroethene	6.528	95	190113	147.567	ug/L	97
38) Bromodichloromethane	7.094	83	244436	157.890	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	93858	48.060	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	334533	214.252	ug/L	99
42) Toluene	7.956	91	652327	129.897	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	172694	138.773	ug/L	97
46) Tetrachloroethene	8.541	164	68272	74.999	ug/L	99
48) 2-Hexanone	8.679	43	241376	202.911	ug/L	99
49) Dibromochloromethane	8.801	129	98592	78.186	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 1,2-Dibromoethane	8.911	107	233403	173.637	ug/L	97
52) Ethylbenzene	9.560	91	786012	144.616	ug/L	99
53) m,p-Xylene	9.682	106	197449	97.297	ug/L	99
54) o-Xylene	10.091	106	184992	90.462	ug/L	97
55) Styrene	10.107	104	602680	173.433	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	318699	145.050	ug/L	100
59) Bromoform	10.283	173	111534	110.707	ug/L	100
60) 1,2,3-Trichloropropane	10.814	75	138728	86.508	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	66979	27.237	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	273147	107.189	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	307210	126.634	ug/L	99

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

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