Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
Data File : VU059333.D
Acq On : 18 Jun 2024 23:48
Operator : MD/SY
Sample : P2873-09 200X
Misc : 3.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SJ9

Quant Time: Jun 19 05:41:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 05:32:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	149800	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	150695	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72032	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	37637	41.963	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.920%			
7) Chloroethane-d5	1.908	69	37919	49.354	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.700%			
11) 1,1-Dichloroethene-d2	2.560	63	49391	27.898	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 55.800%#			
21) 2-Butanone-d5	4.615	46	75670	89.508	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.510%			
24) Chloroform-d	5.055	84	84979	47.594	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.180%			
26) 1,2-Dichloroethane-d4	5.698	65	55157	50.401	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.800%			
32) Benzene-d6	5.721	84	165051	47.721	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.440%			
36) 1,2-Dichloropropane-d6	6.685	67	55047	46.159	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.320%			
41) Toluene-d8	7.894	98	130041	44.290	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.580%			
43) trans-1,3-Dichloroprop...	8.177	79	19388	40.220	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.440%			
47) 2-Hexanone-d5	8.627	63	44778	81.198	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.200%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	85930	42.576	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.160%			
66) 1,2-Dichlorobenzene-d4	12.190	152	52895	49.206	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.420%			
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	7665	5.352	ug/L	87
46) Tetrachloroethene	8.550	164	110737	124.775	ug/L	88
52) Ethylbenzene	9.570	91	11077	1.967	ug/L	90
53) m,p-Xylene	9.692	106	7002	3.383	ug/L	93
54) o-Xylene	10.100	106	2766	1.379	ug/L	74
62) 1,3,5-Trimethylbenzene	11.087	105	4759	1.296	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	13079	3.286	ug/L	100

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

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