Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044168.D
Acq On : 06 Dec 2024 11:43
Operator : JC/MD
Sample : P5066-03ME
Misc : 6.19g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M2ME

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024

Quant Time: Dec 07 03:58:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 07 03:56:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	198820	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	181233	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	83420	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	69989m	38.467	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.940%		
7) Chloroethane-d5	1.648	69	45317m	32.153	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	64.300%#		
11) 1,1-Dichloroethene-d2	2.276	65	27830	35.766	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.540%		
21) 2-Butanone-d5	4.489	46	89700	80.524	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.520%		
24) Chloroform-d	5.050	84	129604	37.517	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.040%		
26) 1,2-Dichloroethane-d4	5.946	65	96778	39.614	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.220%		
32) Benzene-d6	5.958	84	254793	40.688	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.380%		
36) 1,2-Dichloropropane-d6	7.305	67	78465	40.353	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.700%		
41) Toluene-d8	8.647	98	235734	40.713	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.420%		
43) trans-1,3-Dichloroprop...	8.951	79	32636	34.926	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.860%		
47) 2-Hexanone-d5	9.390	63	62500	82.437	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.440%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	107781	41.338	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.680%		
66) 1,2-Dichlorobenzene-d4	12.317	152	84313	43.379	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.760%		
Target Compounds						Qvalue
46) Tetrachloroethene	9.268	164	70251	70.088	ug/L	98
53) m,p-Xylene	10.299	106	7387	3.175	ug/L	100
54) o-Xylene	10.640	106	4004	1.674	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	18176	3.402	ug/L	94
63) 1,2,4-Trimethylbenzene	11.750	105	67203	12.818	ug/L	97

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

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