Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 07 03:58:38 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

Instrument :
MSVOA_X
ClientSampleId :
E28M1

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	187419	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	169216	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	78496	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	62227m	36.282	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.560%		
7) Chloroethane-d5	1.648	69	39770m	29.934	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	59.860%#		
11) 1,1-Dichloroethene-d2	2.270	65	25084	34.198	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.400%		
21) 2-Butanone-d5	4.495	46	82289	78.365	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.370%		
24) Chloroform-d	5.050	84	114396	35.129	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	70.260%		
26) 1,2-Dichloroethane-d4	5.946	65	84702	36.781	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.560%		
32) Benzene-d6	5.958	84	219322	37.511	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.020%		
36) 1,2-Dichloropropane-d6	7.299	67	70324	38.735	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	77.460%		
41) Toluene-d8	8.647	98	210310	38.901	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.800%#		
43) trans-1,3-Dichloroprop...	8.945	79	27304	31.295	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.600%		
47) 2-Hexanone-d5	9.396	63	51128	72.226	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	72.230%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	121595	49.949	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.900%		
66) 1,2-Dichlorobenzene-d4	12.323	152	74383	40.670	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.340%		
Target Compounds						Qvalue
34) Trichloroethene	7.116	95	24729	17.627	ug/L	88
35) Methylcyclohexane	7.366	83	15484	7.619	ug/L	92
42) Toluene	8.714	91	31944	5.867	ug/L	90
46) Tetrachloroethene	9.268	164	602245	643.522	ug/L	96
52) Ethylbenzene	10.189	91	53716	8.956	ug/L	98
53) m,p-Xylene	10.299	106	68159	31.377	ug/L	93
54) o-Xylene	10.640	106	38308	17.149	ug/L	99
60) Isopropylbenzene	10.963	105	29866m	4.931	ug/L	
62) 1,3,5-Trimethylbenzene	11.451	105	154058	30.648	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	593135	120.232	ug/L	100

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

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