Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110821\
Data File : VX025102.D
Acq On : 08 Nov 2021 17:54
Operator : JC/MD
Sample : M4464-05ME 10X
Misc : 6.11g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB7K3ME

Manual Integrations APPROVED

Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021

Quant Time: Nov 09 04:16:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 09 03:59:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	197639	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	192405	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	87734	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	87409	48.911	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.820%			
7) Chloroethane-d5	1.660	69	46458	41.467	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.940%			
11) 1,1-Dichloroethene-d2	2.306	63	111156	32.292	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.580%			
21) 2-Butanone-d5	4.471	46	124053	101.003	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.000%			
24) Chloroform-d	5.062	84	159266	45.331	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.660%			
26) 1,2-Dichloroethane-d4	5.964	65	114958	50.016	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.040%			
32) Benzene-d6	5.976	84	263808	38.509	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.020%			
36) 1,2-Dichloropropane-d6	7.312	67	86568	42.885	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.760%			
41) Toluene-d8	8.653	98	251990	43.758	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.520%			
43) trans-1,3-Dichloroprop...	8.951	79	47327	43.927	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.860%			
47) 2-Hexanone-d5	9.390	63	82082m	95.194	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.190%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	128126	45.854	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.700%			
66) 1,2-Dichlorobenzene-d4	12.323	152	79741	46.370	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.740%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	2030	1.192	ug/L #	16
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	4330	2.699	ug/L #	74
12) 1,1-Dichloroethene	2.312	96	2031	1.439	ug/L #	1
19) 1,1-Dichloroethane	3.617	63	6761	2.261	ug/L	91
20) cis-1,2-Dichloroethene	4.495	96	53761	32.410	ug/L	75
30) 1,1,1-Trichloroethane	5.385	97	36537	10.482	ug/L #	90
34) Trichloroethene	7.135	95	10895	5.908	ug/L	87
42) Toluene	8.720	91	328907	47.721	ug/L	98
53) m,p-Xylene	10.305	106	3942	1.463	ug/L	89
63) 1,2,4-Trimethylbenzene	11.756	105	6824	1.149	ug/L	93

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

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