Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018429.D
Acq On : 24 Sep 2020 15:14
Operator : SY/MD
Sample : L4109-05ME
Misc : 6.46g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W9ME

Quant Time: Sep 25 05:57:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 04:36:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	463483	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	452565	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	245019	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	101210	26.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 53.58%#			
7) Chloroethane-d5	1.58	69	85804	27.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 55.52%#			
11) 1,1-Dichloroethene-d2	2.10	63	157571	22.74	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 45.48%#			
21) 2-Butanone-d5	3.93	46	147687	63.88	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 63.88%			
24) Chloroform-d	4.37	84	218697	33.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 66.74%#			
26) 1,2-Dichloroethane-d4	5.05	65	148743	35.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 70.82%			
32) Benzene-d6	5.07	84	453648	35.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 70.04%			
36) 1,2-Dichloropropane-d6	6.09	67	146833	35.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 71.34%			
41) Toluene-d8	7.34	98	421249	35.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 71.36%#			
43) trans-1,3-Dichloropropene-	7.65	79	74284	35.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.02%			
47) 2-Hexanone-d5	8.14	63	130051	83.40	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 83.40%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	192213	37.20	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 74.40%			
64) 1,2-Dichlorobenzene-d4	11.65	152	193548	38.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 76.92%#			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.93	96	27801	8.292	ug/L	97
29) Cyclohexane	4.69	56	299900	57.387	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	120185	22.883	ug/L	99
35) Methylcyclohexane	6.14	83	5270	0.993	ug/L	94
42) Toluene	7.41	91	3054054	223.032	ug/L	98
51) Chlorobenzene	8.91	112	11825	1.330	ug/L	96
52) Ethylbenzene	9.04	91	354274	23.698	ug/L	99
53) m,p-Xylene	9.16	106	560766	100.495	ug/L	96
54) o-xylene	9.57	106	252016	46.880	ug/L	100
56) Isopropylbenzene	9.95	105	247322	17.071	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	13172	1.759	ug/L #	89
65) 1,2-Dichlorobenzene	11.67	146	29754	4.040	ug/L	96

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

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