Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018523.D
Acq On : 29 Sep 2020 17:53
Operator : SY/MD
Sample : L4109-18
Misc : 5.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y9

Quant Time: Sep 30 03:52:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 01:47:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	461098	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	451129	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	242845	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	164691	60.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 121.80%			
7) Chloroethane-d5	1.58	69	109160	48.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.64%			
11) 1,1-Dichloroethene-d2	2.10	63	231971	42.10	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.20%			
21) 2-Butanone-d5	3.92	46	215365	106.77	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.77%			
24) Chloroform-d	4.37	84	349157	59.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.42%			
26) 1,2-Dichloroethane-d4	5.05	65	240478	64.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 129.56%#			
32) Benzene-d6	5.07	84	728885	63.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 127.58%#			
36) 1,2-Dichloropropane-d6	6.09	67	226462	65.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 131.18%#			
41) Toluene-d8	7.34	98	694125	64.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 129.14%#			
43) trans-1,3-Dichloropropene-	7.64	79	122889	65.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 131.78%#			
47) 2-Hexanone-d5	8.14	63	192490	146.78	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 146.78%#			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	304046	66.42	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery = 132.84%#			
64) 1,2-Dichlorobenzene-d4	11.65	152	306999	65.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 131.46%#			
Target Compounds						Qvalue
29) Cyclohexane	4.69	56	27762	5.396	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	4875	0.870	ug/L	92
42) Toluene	7.41	91	185448	12.934	ug/L	99
52) Ethylbenzene	9.04	91	228855	14.293	ug/L	100
53) m,p-Xylene	9.16	106	394291	63.719	ug/L	98
54) o-xylene	9.57	106	145093	24.766	ug/L	98
56) Isopropylbenzene	9.95	105	583279	37.123	ug/L	100
62) 1,3-Dichlorobenzene	11.21	146	65502	8.334	ug/L	91
63) 1,4-Dichlorobenzene	11.30	146	163383	20.188	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	116530	14.988	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	2985543	589.346	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	987876	194.256	ug/L	99

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

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