Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092518\
Data File : VU027133.D
Acq On : 25 Sep 2018 15:37
Operator : MD/SY
Sample : J4914-01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : X2D99

Quant Time: Sep 26 03:10:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 02:22:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	177126	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	171792	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	90238	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	63503	40.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.60%			
7) Chloroethane-d5	1.64	69	45146	36.58	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 73.16%			
11) 1,1-Dichloroethene-d2	2.23	63	92347	30.81	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.62%			
21) 2-Butanone-d5	4.20	46	104278	81.38	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 81.38%			
24) Chloroform-d	4.64	84	108793	43.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.78%			
26) 1,2-Dichloroethane-d4	5.31	65	76543	42.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.36%			
32) Benzene-d6	5.33	84	223508	43.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.94%			
36) 1,2-Dichloropropane-d6	6.33	67	79627	43.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.90%			
41) Toluene-d8	7.57	98	199007	44.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.60%			
43) trans-1,3-Dichloropropene-	7.85	79	37821	46.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.48%			
47) 2-Hexanone-d5	8.33	63	84142	96.22	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.22%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	114251	47.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.16%			
64) 1,2-Dichlorobenzene-d4	11.86	152	78442	42.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.10%			
Target Compounds						Qvalue
13) Acetone	2.34	43	247329	209.021	ug/L	100
16) Methylene chloride	2.68	84	253619	168.933	ug/L	97
19) 1,1-Dichloroethane	3.43	63	391850	133.851	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	72286	50.421	ug/L	96
23) Bromochloromethane	4.54	128	97391	144.462	ug/L	100
25) Chloroform	4.67	83	70664	25.740	ug/L	97
27) 1,2-Dichloroethane	5.40	62	246730	108.316	ug/L	98
30) 1,1,1-Trichloroethane	4.90	97	131161	60.999	ug/L	98
31) Carbon tetrachloride	5.12	117	128943	70.781	ug/L	99
34) Trichloroethene	6.18	95	83915	62.398	ug/L	99
37) 1,2-Dichloropropane	6.43	63	112636	63.718	ug/L	99
40) 4-Methyl-2-pentanone	7.48	43	666160	256.878	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	186699	133.304	ug/L	99
46) Tetrachloroethene	8.23	164	119068	123.457	ug/L	99
49) Dibromochloromethane	8.48	129	214217	149.909	ug/L	100
50) 1,2-Dibromoethane	8.59	107	137052	95.285	ug/L	98
55) Styrene	9.80	104	194281	52.334	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Isopropylbenzene	10.17	105	256577	45.390	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	104559	37.271	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	189413	63.636	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	46309	75.315	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	88119	50.579	ug/L	100

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

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