Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062918\
Data File : VU025068.D
Acq On : 29 Jun 2018 14:22
Operator : MD/SY
Sample : J3661-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : X2D19

Quant Time: Jun 30 08:47:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 29 23:41:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	351751	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	322004	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	176597	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	97242	46.25	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.50%				
7) Chloroethane-d5	1.67	69	79967	46.11	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.22%				
11) 1,1-Dichloroethene-d2	2.27	63	227784	49.66	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.32%				
21) 2-Butanone-d5	4.17	46	162728	92.59	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.59%				
24) Chloroform-d	4.65	84	196697	43.67	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.34%				
26) 1,2-Dichloroethane-d4	5.31	65	148879	46.62	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.24%				
32) Benzene-d6	5.34	84	410597	46.47	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.94%				
36) 1,2-Dichloropropane-d6	6.33	67	130723	46.45	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.90%				
41) Toluene-d8	7.57	98	400306	46.31	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.62%				
43) trans-1,3-Dichloropropene-	7.85	79	64693	45.85	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.70%				
47) 2-Hexanone-d5	8.31	63	123380	96.07	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.07%				
57) 1,1,2,2-Tetrachloroethane-	10.44	84	189336	47.48	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.96%				
64) 1,2-Dichlorobenzene-d4	11.86	152	182381	47.40	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.80%				
Target Compounds							Qvalue
5) Vinyl chloride	1.40	62	234032	85.79	ug/L		98
9) Trichlorofluoromethane	1.88	101	304721	76.49	ug/L		99
12) 1,1-Dichloroethene	2.28	96	129514	60.03	ug/L	#	80
18) Methyl tert-butyl Ether	3.00	73	608005	74.80	ug/L		100
20) cis-1,2-Dichloroethene	4.23	96	100214	37.15	ug/L		99
33) Benzene	5.39	78	192540	19.72	ug/L		100
34) Trichloroethene	6.19	95	177894	68.48	ug/L		98
35) Methylcyclohexane	6.42	83	378049	87.21	ug/L		100
37) 1,2-Dichloropropane	6.43	63	52574	20.16	ug/L		100
40) 4-Methyl-2-pentanone	7.46	43	483930	128.80	ug/L		99
45) 1,1,2-Trichloroethane	8.07	97	73507	29.54	ug/L		98
46) Tetrachloroethene	8.23	164	109160	49.64	ug/L		99
48) 2-Hexanone	8.36	43	407192	136.23	ug/L		99
49) Dibromochloromethane	8.48	129	107410	36.78	ug/L		99
50) 1,2-Dibromoethane	8.59	107	316590	115.02	ug/L		100
52) Ethylbenzene	9.25	91	840546	70.42	ug/L		99
54) o-xylene	9.78	106	140186	30.26	ug/L		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Isopropylbenzene	10.17	105	943744	77.55	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	346335	58.54	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	195286	53.18	ug/L	99

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

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