Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081018\
Data File : VU026037.D
Acq On : 10 Aug 2018 12:36
Operator : MD/SY
Sample : J4401-23
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZG9

Quant Time: Aug 13 11:50:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 11 00:58:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	286988	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	276403	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	141246	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	74757	35.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.28%			
7) Chloroethane-d5	1.66	69	68841	41.39	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.78%			
11) 1,1-Dichloroethene-d2	2.27	63	118270	29.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.34%#			
21) 2-Butanone-d5	4.18	46	165258	94.52	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.52%			
24) Chloroform-d	4.65	84	207689	46.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.38%			
26) 1,2-Dichloroethane-d4	5.31	65	139977	46.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.16%			
32) Benzene-d6	5.34	84	377088	43.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.86%			
36) 1,2-Dichloropropane-d6	6.33	67	127755	46.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.00%			
41) Toluene-d8	7.57	98	362036	44.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.18%			
43) trans-1,3-Dichloropropene-	7.85	79	64448	46.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.12%			
47) 2-Hexanone-d5	8.31	63	122345	96.99	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.99%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	196994	48.51	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.02%			
64) 1,2-Dichlorobenzene-d4	11.86	152	159180	45.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	25899	10.36	ug/L	99
3) Chloromethane	1.33	50	75448	33.63	ug/L	99
6) Bromomethane	1.60	94	8748	7.56	ug/L	96
9) Trichlorofluoromethane	1.88	101	86285	27.86	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	47342	26.28	ug/L	99
14) Carbon disulfide	2.47	76	153437	28.15	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	98485	53.35	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	663612	109.38	ug/L	99
25) Chloroform	4.67	83	158163	42.42	ug/L	99
27) 1,2-Dichloroethane	5.41	62	130386	42.34	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	70642	20.26	ug/L	99
31) Carbon tetrachloride	5.14	117	162665	51.08	ug/L	99
35) Methylcyclohexane	6.42	83	83901	26.72	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	98572	30.19	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	265751	89.79	ug/L	100
42) Toluene	7.64	91	443626	53.09	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	55903	27.22	ug/L	94

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	8.48	129	120271	48.57	ug/L	100
50) 1,2-Dibromoethane	8.59	107	93358	41.74	ug/L	98
53) m,p-Xylene	9.38	106	122074	34.94	ug/L	96
55) Styrene	9.80	104	188617	32.67	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.46	83	87101	24.95	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	137357	29.80	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.66	75	23094	28.11	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	131897	44.16	ug/L	99

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

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