Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071318\

Quantitation Report (LSC Reviewed)

Data File : VU025392.D
Acq On : 13 Jul 2018 14:59
Operator : MD/SY
Sample : J3984-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB167

Quant Time: Jul 13 15:26:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 06 23:15:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	320214	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	296283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	155961	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	76733	40.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.18%			
7) Chloroethane-d5	1.67	69	63758	40.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.78%			
11) 1,1-Dichloroethene-d2	2.27	63	147582	35.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.70%			
21) 2-Butanone-d5	4.18	46	135551	84.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.72%			
24) Chloroform-d	4.65	84	161823	39.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.94%			
26) 1,2-Dichloroethane-d4	5.31	65	116008	39.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.80%			
32) Benzene-d6	5.34	84	316806	38.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.94%			
36) 1,2-Dichloropropane-d6	6.33	67	101807	39.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 78.64%			
41) Toluene-d8	7.57	98	308024	38.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.46%#			
43) trans-1,3-Dichloropropene-	7.85	79	48837	37.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.24%			
47) 2-Hexanone-d5	8.31	63	103964	87.98	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.98%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	153878	41.94	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.88%			
64) 1,2-Dichlorobenzene-d4	11.86	152	134265	39.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.02%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	94216	37.938	ug/L	99
8) Chloroethane	1.69	64	79595	53.175	ug/L	97
12) 1,1-Dichloroethene	2.28	96	58935	30.006	ug/L	99
14) Carbon disulfide	2.47	76	271686	45.810	ug/L	99
15) Methyl Acetate	2.61	43	153946	61.181	ug/L	99
16) Methylene chloride	2.70	84	71884	31.188	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	298023	40.275	ug/L	99
19) 1,1-Dichloroethane	3.44	63	86216	21.300	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	48640	19.805	ug/L	97
27) 1,2-Dichloroethane	5.40	62	208930	57.684	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	150234	37.964	ug/L	99
34) Trichloroethene	6.18	95	156946	65.661	ug/L	98
37) 1,2-Dichloropropane	6.43	63	57651	24.026	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	171996	49.752	ug/L	99
42) Toluene	7.64	91	286522	29.340	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	55995	15.839	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	92027	40.190	ug/L	98

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Quant Title : VOC Analysis
QLast Update : Fri Jul 06 23:15:38 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	8.23	164	69833	34.514	ug/L	99
48) 2-Hexanone	8.36	43	139518	50.730	ug/L	98
50) 1,2-Dibromoethane	8.59	107	97629	38.547	ug/L	98
51) Chlorobenzene	9.12	112	311541	47.867	ug/L	99
52) Ethylbenzene	9.25	91	638910	58.170	ug/L	99
53) m,p-Xylene	9.37	106	166883	39.263	ug/L	98
54) o-xylene	9.78	106	82479	19.347	ug/L	98
55) Styrene	9.80	104	228145	32.649	ug/L	98
56) Isopropylbenzene	10.17	105	431669	38.549	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	266384	69.716	ug/L	98
61) Bromoform	9.96	173	33221	16.225	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	101829	19.489	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	204488	38.906	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	325795	59.071	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	74055	81.144	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	149678	42.972	ug/L	99

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

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