Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052419\
Data File : VU032306.D
Acq On : 24 May 2019 12:15
Operator : JC/SP
Sample : K3001-14MSD 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 61 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YF7MSD

Quant Time: May 25 00:08:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 23:32:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	796951	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	796735	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	349864	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	224979	54.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.02%			
7) Chloroethane-d5	1.67	69	205399	51.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.76%			
11) 1,1-Dichloroethene-d2	2.27	63	426166	51.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.16%			
21) 2-Butanone-d5	4.17	46	339064	85.31	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.31%			
24) Chloroform-d	4.64	84	462101	43.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.02%			
26) 1,2-Dichloroethane-d4	5.30	65	290511	43.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.10%			
32) Benzene-d6	5.33	84	993549	48.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.96%			
36) 1,2-Dichloropropane-d6	6.32	67	297927	46.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.26%			
41) Toluene-d8	7.56	98	893203	48.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.20%			
43) trans-1,3-Dichloropropene-	7.85	79	133398	44.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.84%			
47) 2-Hexanone-d5	8.31	63	231605	85.30	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.30%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	454908	42.18	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.36%			
64) 1,2-Dichlorobenzene-d4	11.85	152	357184	48.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.16%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.28	96	214118	45.842	ug/L	99
33) Benzene	5.38	78	986958	43.344	ug/L	100
34) Trichloroethene	6.18	95	243294	43.160	ug/L	100
35) Methylcyclohexane	6.41	83	10027	1.468	ug/L #	80
42) Toluene	7.63	91	5321254	221.742	ug/L	99
51) Chlorobenzene	9.12	112	725263	45.091	ug/L	99
52) Ethylbenzene	9.25	91	190173	7.797	ug/L	98
53) m,p-Xylene	9.37	106	211251	22.440	ug/L	98
54) o-xylene	9.77	106	65274	6.649	ug/L	98

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

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