Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\
Data File : VU032944.D
Acq On : 21 Jun 2019 14:52
Operator : JC/SP
Sample : K3469-07MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-3-8.0-061919MSD

Quant Time: Jun 22 01:46:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:32:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	193042	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	190636	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91467	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	50229	38.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.14%			
7) Chloroethane-d5	1.67	69	45249	43.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.02%			
11) 1,1-Dichloroethene-d2	2.27	63	109622	41.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.50%			
21) 2-Butanone-d5	4.17	46	117156	106.69	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.69%			
24) Chloroform-d	4.64	84	117373	45.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.52%			
26) 1,2-Dichloroethane-d4	5.30	65	83302	48.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.52%			
32) Benzene-d6	5.34	84	219769	44.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.44%			
36) 1,2-Dichloropropane-d6	6.32	67	74745	47.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.42%			
41) Toluene-d8	7.56	98	194476	41.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.58%			
43) trans-1,3-Dichloropropene-	7.84	79	35821	43.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.00%			
47) 2-Hexanone-d5	8.31	63	70899	95.91	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.91%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	115466	47.18	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.36%			
64) 1,2-Dichlorobenzene-d4	11.86	152	81669	46.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.28%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	1266	0.722	ug/L #	7
12) 1,1-Dichloroethene	2.28	96	55922	46.002	ug/L	89
17) trans-1,2-Dichloroethene	2.98	96	702	0.533	ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	81986	57.089	ug/L	96
33) Benzene	5.38	78	266428	48.514	ug/L	100
34) Trichloroethene	6.18	95	78860	53.744	ug/L	98
42) Toluene	7.63	91	286587	48.232	ug/L	99
46) Tetrachloroethene	8.22	164	11855	9.860	ug/L	96
51) Chlorobenzene	9.11	112	186298	47.646	ug/L	97

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

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