Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042919\
Data File : VW010225.D
Acq On : 30 Apr 2019 18:40
Operator : SY/VA
Sample : K2604-16MSD
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ88MSD

Quant Time: May 01 06:39:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 03:52:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	393358	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	394730	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196766	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	70526	15.80	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.20%			
7) Chloroethane-d5	2.89	69	59756	16.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.32%			
10) 1,1-Dichloroethene-d2	4.01	63	202693	20.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.72%			
20) 2-Butanone-d5	7.08	46	75823	46.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.14%			
24) Chloroform-d	7.64	84	217401	21.33	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.32%			
26) 1,2-Dichloroethane-d4	8.31	65	128671	21.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.88%			
29) Benzene-d6	8.27	84	390982	18.39	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 73.56%			
33) 1,2-Dichloropropane-d6	9.27	67	135904	20.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 81.88%			
37) Toluene-d8	10.32	98	334369	17.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 69.20%			
38) trans-1,3-Dichloropropene-	10.57	79	54769	17.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 71.60%			
39) 2-Hexanone-d5	10.93	63	57783	41.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.82%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118323	20.86	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 83.44%			
61) 1,2-Dichlorobenzene-d4	13.85	152	150121	20.54	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.16%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.03	96	114540	23.983	ug/L	84
13) Acetone	4.12	43	12376	9.515	ug/L	78
16) Methylene chloride	4.90	84	15909	2.430	ug/L	96
34) Benzene	8.32	78	626818	28.298	ug/L	100
35) Trichloroethene	9.09	95	147563	24.984	ug/L	94
44) Toluene	10.39	91	626872	26.443	ug/L	99
52) Chlorobenzene	11.66	112	402300	25.905	ug/L	100
53) Ethylbenzene	11.73	91	17463	0.651	ug/L	96
54) m,p-Xylene	11.85	106	14135	1.399	ug/L	85
55) o-xylene	12.16	106	23450	2.456	ug/L	97

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

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