Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080919\
Data File : VW011766.D
Acq On : 08 Aug 2019 11:13
Operator : SY/VA
Sample : K4215-04
Misc : 3.95G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOB5

Quant Time: Aug 09 02:39:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 02:27:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	341532	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	253125	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	76641	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	86638	18.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.08%			
7) Chloroethane-d5	2.86	69	67085	19.37	ug/L	-0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.48%			
10) 1,1-Dichloroethene-d2	4.01	63	151914	13.78	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 55.12%			
20) 2-Butanone-d5	7.07	46	166559	76.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 153.82%#			
24) Chloroform-d	7.65	84	196147	20.91	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.64%			
26) 1,2-Dichloroethane-d4	8.31	65	127173	22.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.64%			
29) Benzene-d6	8.27	84	399687	25.11	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.44%			
33) 1,2-Dichloropropane-d6	9.27	67	139290	27.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.44%			
37) Toluene-d8	10.32	98	340558	24.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.44%			
38) trans-1,3-Dichloropropene-	10.58	79	50304	22.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.36%			
39) 2-Hexanone-d5	10.92	63	91324	76.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 152.18%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105359	24.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.76%			
61) 1,2-Dichlorobenzene-d4	13.85	152	83810	28.38	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 113.52%			
Target Compounds						Qvalue
13) Acetone	4.12	43	51887	22.373	ug/L	100
21) 2-Butanone	7.17	43	37711	12.969	ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	7159	1.350	ug/L	99
30) Cyclohexane	7.96	56	23638	2.687	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	6279	1.018	ug/L #	76
34) Benzene	8.32	78	45636	2.573	ug/L	100
35) Trichloroethene	9.09	95	6906	1.534	ug/L	96
36) Methylcyclohexane	9.34	83	233799	28.619	ug/L #	84
44) Toluene	10.38	91	57689	3.201	ug/L	97
47) Tetrachloroethene	10.86	164	1975	0.574	ug/L	91
53) Ethylbenzene	11.73	91	38050	1.893	ug/L	99
54) m,p-Xylene	11.84	106	34262	4.688	ug/L	99
55) o-xylene	12.16	106	37256	5.417	ug/L	99

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

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