Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061719\
Data File : VW010826.D
Acq On : 17 Jun 2019 14:38
Operator : SY/VA
Sample : K3363-07
Misc : 3.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0JX0

Manual Integrations APPROVED
MMDadoda
6/19/2019 12:33:25 AM

Quant Time: Jun 18 07:36:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 05:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	197821	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	98965	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	13616	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	63531	22.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.20%			
7) Chloroethane-d5	2.88	69	60738	27.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.20%			
10) 1,1-Dichloroethene-d2	4.01	63	97341m	16.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.20%			
20) 2-Butanone-d5	7.08	46	53364	47.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.42%			
24) Chloroform-d	7.65	84	74243	18.26	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 73.04%			
26) 1,2-Dichloroethane-d4	8.31	65	86371	26.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.32%			
29) Benzene-d6	8.27	84	261051	44.18	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 176.72%#			
33) 1,2-Dichloropropane-d6	9.27	67	104181	54.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 219.84%#			
37) Toluene-d8	10.32	98	163162	30.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 122.92%			
38) trans-1,3-Dichloropropene-	10.58	79	20032	23.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.40%			
39) 2-Hexanone-d5	10.93	63	47413	104.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 209.36%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84808	52.82	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 211.28%#			
61) 1,2-Dichlorobenzene-d4	13.86	152	19547	37.71	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 150.84%#			
Target Compounds						Qvalue
5) Vinyl chloride	2.35	62	3366	1.042	ug/L #	64
13) Acetone	4.13	43	3866m	3.183	ug/L	
14) Carbon disulfide	4.38	76	6160	0.908	ug/L #	90
16) Methylene chloride	4.92	84	8265	3.045	ug/L	97
18) trans-1,2-Dichloroethene	5.43	96	63804	24.878	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	321102	110.026	ug/L	99
35) Trichloroethene	9.09	95	684539	438.831	ug/L	99
44) Toluene	10.39	91	35527	5.573	ug/L	100
47) Tetrachloroethene	10.86	164	636	0.544	ug/L	92
54) m,p-Xylene	11.83	106	2440	0.928	ug/L	67
55) o-xylene	12.16	106	1320	0.518	ug/L	59

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

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