Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016683.D
Acq On : 29 Sep 2020 11:29
Operator : SY/VA
Sample : L4171-03RE
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y0RE

Manual Integrations APPROVED
MMDadoda
10/1/2020 2:43:01 PM

Quant Time: Sep 30 07:47:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 07:14:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	1006733	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	870240	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	400986	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.37	65	132293	13.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 54.32%			
7) Chloroethane-d5	2.91	69	121250	15.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 60.96%			
10) 1,1-Dichloroethene-d2	4.03	63	225435	10.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 41.40%#			
20) 2-Butanone-d5	7.09	46	61237	23.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 46.10%			
24) Chloroform-d	7.65	84	337974	16.05	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 64.20%			
26) 1,2-Dichloroethane-d4	8.31	65	163792m	15.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 60.60%#			
29) Benzene-d6	8.28	84	646585	16.57	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 66.28%			
33) 1,2-Dichloropropane-d6	9.28	67	181393	17.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 68.60%#			
37) Toluene-d8	10.33	98	629955	16.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 65.64%			
38) trans-1,3-Dichloropropene-	10.58	79	74289	13.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 55.72%			
39) 2-Hexanone-d5	10.93	63	50995	26.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 53.02%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122049	13.56	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 54.24%			
61) 1,2-Dichlorobenzene-d4	13.85	152	212891	16.62	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 66.48%#			
Target Compounds						Qvalue
13) Acetone	4.14	43	12687	6.096	ug/L	100
16) Methylene chloride	4.93	84	18583	1.197	ug/L	94
52) Chlorobenzene	11.66	112	74216	2.107	ug/L	96
53) Ethylbenzene	11.73	91	13688	0.230	ug/L	90
57) Isopropylbenzene	12.47	105	18232	0.299	ug/L #	85
63) 1,3-Dichlorobenzene	13.50	146	802603	30.773	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	218186	8.542	ug/L	91
65) 1,2-Dichlorobenzene	13.87	146	42424	1.820	ug/L #	85
68) 1,2,4-trichlorobenzene	15.13	180	3209911	208.024	ug/L	95

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

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