Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092820\
Data File : VW016666.D
Acq On : 28 Sep 2020 13:49
Operator : SY/VA
Sample : L4171-06
Misc : 6.08G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3Y8

Manual Integrations APPROVED
MMDadoda
9/30/2020 1:23:53 PM

Quant Time: Sep 29 06:17:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 29 05:26:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	727757	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	642600	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	300469	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.37	65	147923	21.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.00%			
7) Chloroethane-d5	2.90	69	136478	23.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.92%			
10) 1,1-Dichloroethene-d2	4.03	63	251509	15.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.88%			
20) 2-Butanone-d5	7.09	46	82371	42.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.78%			
24) Chloroform-d	7.65	84	381078	25.03	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.12%			
26) 1,2-Dichloroethane-d4	8.31	65	194990	24.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.80%			
29) Benzene-d6	8.28	84	740564	25.70	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.80%			
33) 1,2-Dichloropropane-d6	9.28	67	209648	26.84	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.36%			
37) Toluene-d8	10.33	98	712034	25.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.44%			
38) trans-1,3-Dichloropropene-	10.58	79	91381	23.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.84%			
39) 2-Hexanone-d5	10.93	63	67311	47.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.78%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155872	23.46	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.84%			
61) 1,2-Dichlorobenzene-d4	13.85	152	244130	25.43	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.72%			
Target Compounds						Qvalue
13) Acetone	4.14	43	20415	13.570	ug/L	98
16) Methylene chloride	4.93	84	21514	1.917	ug/L	95
21) 2-Butanone	7.16	43	12279m	4.798	ug/L	
52) Chlorobenzene	11.66	112	37781	1.452	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	577942	29.572	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	219952	11.492	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	34173	1.957	ug/L	93
68) 1,2,4-trichlorobenzene	15.13	180	2545638	220.164	ug/L	98

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

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