Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092420\
Data File : VW016632.D
Acq On : 23 Sep 2020 15:37
Operator : SY/VA
Sample : L4109-13
Misc : 5.84G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3X3

Quant Time: Sep 24 05:36:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 24 04:34:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	594297	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	437526	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127726	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.37	65	140945	24.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.00%			
7) Chloroethane-d5	2.91	69	120995	25.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.04%			
10) 1,1-Dichloroethene-d2	4.03	63	209882	16.32	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.28%			
20) 2-Butanone-d5	7.10	46	50702	32.33	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.66%			
24) Chloroform-d	7.65	84	294102	23.66	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.64%			
26) 1,2-Dichloroethane-d4	8.31	65	146340	22.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.72%			
29) Benzene-d6	8.28	84	571341	29.12	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 116.48%			
33) 1,2-Dichloropropane-d6	9.28	67	155447	29.23	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 116.92%			
37) Toluene-d8	10.33	98	486769	25.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.88%			
38) trans-1,3-Dichloropropene-	10.59	79	64346	24.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.00%			
39) 2-Hexanone-d5	10.93	63	43864	45.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.70%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96439	21.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.24%			
61) 1,2-Dichlorobenzene-d4	13.86	152	99423	24.36	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.44%			
Target Compounds						Qvalue
13) Acetone	4.15	43	17137	13.949	ug/L	99
16) Methylene chloride	4.93	84	38466	4.197	ug/L	95
30) Cyclohexane	7.96	56	41141	4.303	ug/L	94
36) Methylcyclohexane	9.34	83	9865	0.857	ug/L #	55
44) Toluene	10.39	91	202132	7.665	ug/L	97
46) 1,1,2-Trichloroethane	10.77	97	29767	6.478	ug/L #	29
52) Chlorobenzene	11.66	112	5695	0.322	ug/L	91
53) Ethylbenzene	11.73	91	312465	10.437	ug/L	97
54) m,p-Xylene	11.83	106	680118	58.016	ug/L	100
55) o-xylene	12.17	106	400025	35.618	ug/L	99
57) Isopropylbenzene	12.46	105	136851	4.459	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	11969	1.441	ug/L #	6
64) 1,4-Dichlorobenzene	13.58	146	79112	9.724	ug/L #	67
65) 1,2-Dichlorobenzene	13.87	146	94668	12.753	ug/L #	81

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

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