Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092320\
Data File : VW016618.D
Acq On : 22 Sep 2020 18:16
Operator : SY/VA
Sample : L4109-05
Misc : 6.37G/10ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Sep 23 09:11:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 23 07:21:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	631508	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	507781	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	186773m	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	141612	23.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.68%			
7) Chloroethane-d5	2.90	69	105295	21.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.40%			
10) 1,1-Dichloroethene-d2	4.05	63	1399179	102.38	ug/L	0.02
Spiked Amount 25.000	Range 45 - 110		Recovery = 409.52%#			
20) 2-Butanone-d5	7.07	46	63570	38.14	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.28%			
24) Chloroform-d	7.65	84	331762	25.11	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.44%			
26) 1,2-Dichloroethane-d4	8.31	65	176715m	26.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.24%			
29) Benzene-d6	8.28	84	638619	28.04	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 112.16%			
33) 1,2-Dichloropropane-d6	9.27	67	188377	30.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 122.08%#			
37) Toluene-d8	10.34	98	585792	26.15	ug/L	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.60%			
38) trans-1,3-Dichloropropene-	10.59	79	84804	27.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 109.04%			
39) 2-Hexanone-d5	10.93	63	64300	57.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.56%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	130224	24.80	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.20%			
61) 1,2-Dichlorobenzene-d4	13.86	152	157177	26.34	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.36%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.06	96	2401047	300.168	ug/L #	77
18) trans-1,2-Dichloroethene	5.43	96	13081	1.579	ug/L #	27
19) 1,1-Dichloroethane	6.22	63	228837	17.469	ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	2581217	300.316	ug/L	98
30) Cyclohexane	7.96	56	10758865	969.576	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	13654283	1151.359	ug/L	98
34) Benzene	8.33	78	57431m	2.110	ug/L	
35) Trichloroethene	9.10	95	22207	2.820	ug/L #	88
36) Methylcyclohexane	9.34	83	134656	10.082	ug/L #	84
43) 4-Methyl-2-pentanone	10.24	43	5417m	1.347	ug/L	
44) Toluene	10.38	91	38791081m	1267.521	ug/L	
46) 1,1,2-Trichloroethane	10.77	97	38147	7.153	ug/L #	39
47) Tetrachloroethene	10.87	164	110400	15.527	ug/L	97
52) Chlorobenzene	11.66	112	746643	36.321	ug/L	99
53) Ethylbenzene	11.73	91	12137817	349.332	ug/L	87
54) m,p-Xylene	11.84	106	16371438m	1203.307	ug/L	
55) o-xylene	12.17	106	8974382	688.518	ug/L	68

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Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) Isopropylbenzene	12.47	105	6827069	191.684	ug/L		99
63) 1,3-Dichlorobenzene	13.51	146	68211	5.615	ug/L	#	86
64) 1,4-Dichlorobenzene	13.58	146	320291	26.922	ug/L		89
65) 1,2-Dichlorobenzene	13.87	146	917422	84.516	ug/L		95

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

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