Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061620\
Data File : VW015608.D
Acq On : 16 Jun 2020 15:31
Operator : SY/VA
Sample : L3027-03
Misc : 4.11G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG2K7

Quant Time: Jun 17 07:05:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 17 06:26:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	348029	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	281727	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	94481	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.36	65	95274	29.87	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 119.48%				
7) Chloroethane-d5	2.90	69	77202	24.34	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.36%				
10) 1,1-Dichloroethene-d2	4.01	63	136768	17.60	ug/L		0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.40%				
20) 2-Butanone-d5	7.09	46	30695	29.48	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 58.96%				
24) Chloroform-d	7.65	84	167869	20.86	ug/L		0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.44%				
26) 1,2-Dichloroethane-d4	8.31	65	85374	19.07	ug/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 76.28%				
29) Benzene-d6	8.28	84	332647	24.08	ug/L		0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.32%				
33) 1,2-Dichloropropane-d6	9.28	67	93828	22.35	ug/L		0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.40%				
37) Toluene-d8	10.33	98	290105	21.60	ug/L		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.40%				
38) trans-1,3-Dichloropropene-	10.58	79	34630	17.83	ug/L		0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 71.32%				
39) 2-Hexanone-d5	10.93	63	23919	32.91	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 65.82%				
48) 1,1,2,2-Tetrachloroethane-	12.69	84	49867	15.77	ug/L		0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 63.08%				
61) 1,2-Dichlorobenzene-d4	13.85	152	60265	19.03	ug/L		0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 76.12%				
Target Compounds							Qvalue
13) Acetone	4.13	43	28806	35.785	ug/L		97
16) Methylene chloride	4.92	84	8790	2.058	ug/L		91
21) 2-Butanone	7.18	43	15159	12.259	ug/L		100
22) cis-1,2-Dichloroethene	7.18	96	39065	8.420	ug/L		98
34) Benzene	8.33	78	9989	0.634	ug/L		100
35) Trichloroethene	9.09	95	22811	5.390	ug/L		98
36) Methylcyclohexane	9.34	83	10522	1.394	ug/L	#	88
44) Toluene	10.39	91	14085	0.821	ug/L		99
47) Tetrachloroethene	10.87	164	230040	68.573	ug/L		99
53) Ethylbenzene	11.73	91	178759	9.070	ug/L		98
54) m,p-Xylene	11.83	106	242348	32.768	ug/L		100
55) o-xylene	12.17	106	118667	16.903	ug/L		99
57) Isopropylbenzene	12.47	105	13442	0.687	ug/L	#	70
64) 1,4-Dichlorobenzene	13.58	146	4719	0.833	ug/L		100

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

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