Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014042.D
Acq On : 15 Nov 2019 15:47
Operator : SY/VA
Sample : K5811-05
Misc : 3.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOP3

Quant Time: Nov 16 04:48:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 16 04:05:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	280606	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	183405	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	45043	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	110539	24.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.76%			
7) Chloroethane-d5	2.89	69	94775	26.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.44%			
10) 1,1-Dichloroethene-d2	4.02	63	156624	17.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.20%			
20) 2-Butanone-d5	7.07	46	76428	58.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.52%			
24) Chloroform-d	7.65	84	226246	26.22	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.88%			
26) 1,2-Dichloroethane-d4	8.31	65	127147	29.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 117.24%			
29) Benzene-d6	8.27	84	462877	35.57	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 142.28%#			
33) 1,2-Dichloropropane-d6	9.27	67	140555	36.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 147.48%#			
37) Toluene-d8	10.32	98	346341	28.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 112.28%			
38) trans-1,3-Dichloropropene-	10.57	79	52018	31.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 127.44%			
39) 2-Hexanone-d5	10.92	63	56213	77.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 155.52%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76323	26.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.04%			
61) 1,2-Dichlorobenzene-d4	13.85	152	41338	22.84	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.36%			
Target Compounds						Qvalue
13) Acetone	4.12	43	9771	7.383	ug/L	98
14) Carbon disulfide	4.39	76	9084	0.674	ug/L #	93
16) Methylene chloride	4.91	84	8658	1.603	ug/L	84
18) trans-1,2-Dichloroethene	5.42	96	47816	9.680	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	5732718	1102.840	ug/L	99
34) Benzene	8.32	78	7841	0.583	ug/L	100
35) Trichloroethene	9.09	95	4646818	1294.901	ug/L	99
36) Methylcyclohexane	9.33	83	3357	0.522	ug/L	89
44) Toluene	10.38	91	36363	2.479	ug/L	96
47) Tetrachloroethene	10.86	164	2523339	788.895	ug/L	99
52) Chlorobenzene	11.66	112	3510	0.382	ug/L	89
53) Ethylbenzene	11.73	91	106767	6.634	ug/L	98
54) m,p-Xylene	11.84	106	189475	30.292	ug/L	95
55) o-xylene	12.16	106	98642	16.841	ug/L	97

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

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