Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120318\
Data File : VW007159.D
Acq On : 03 Dec 2018 11:40
Operator : SY/AP
Sample : J6077-05
Misc : 4.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9Y38

Quant Time: Dec 04 03:32:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 04 03:14:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	162343	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	144420	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	72168	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	26473	19.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.68%			
7) Chloroethane-d5	2.89	69	21396	21.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.40%			
10) 1,1-Dichloroethene-d2	4.02	63	55155	15.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.32%			
20) 2-Butanone-d5	7.08	46	19466	34.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.60%			
24) Chloroform-d	7.65	84	73118	21.50	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.00%			
26) 1,2-Dichloroethane-d4	8.31	65	38635	19.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 78.52%			
29) Benzene-d6	8.28	84	172866	25.19	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.76%			
33) 1,2-Dichloropropane-d6	9.28	67	83982	42.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 170.88%#			
37) Toluene-d8	10.33	98	183600	25.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.20%			
38) trans-1,3-Dichloropropene-	10.58	79	22818	23.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.96%			
39) 2-Hexanone-d5	10.93	63	18561	40.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.56%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	36243	20.23	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 80.92%			
61) 1,2-Dichlorobenzene-d4	13.86	152	57386	21.19	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.76%			
Target Compounds						Qvalue
13) Acetone	4.13	43	16887	43.097	ug/L	84
21) 2-Butanone	7.18	43	8952	14.882	ug/L	100
30) Cyclohexane	7.96	56	202094	64.201	ug/L #	82
34) Benzene	8.33	78	1602613	214.146	ug/L	100
36) Methylcyclohexane	9.34	83	472597	125.439	ug/L	93
44) Toluene	10.39	91	589957	65.790	ug/L	99
53) Ethylbenzene	11.73	91	347871	33.461	ug/L	99
54) m,p-Xylene	11.84	106	287703	70.924	ug/L	92
55) o-xylene	12.17	106	173460	46.111	ug/L	98
57) Isopropylbenzene	12.47	105	55502	5.306	ug/L #	96

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

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