Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
Data File : VV009085.D
Acq On : 20 Dec 2018 15:35
Operator : SY/MD
Sample : J6441-07
Misc : 4.19 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BE7Z6

Quant Time: Dec 21 00:51:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 00:25:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	234893	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143874	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	35204	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	55593	22.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.48%			
7) Chloroethane-d5	1.58	69	59530	33.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 132.60%			
10) 1,1-Dichloroethene-d2	2.13	63	111013	18.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.08%			
20) 2-Butanone-d5	3.93	46	39361	44.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.96%			
24) Chloroform-d	4.40	84	141169	25.00	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.00%			
26) 1,2-Dichloroethane-d4	5.08	65	78882	25.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.40%			
29) Benzene-d6	5.10	84	281857	35.08	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 140.32%#			
33) 1,2-Dichloropropane-d6	6.12	67	83890	37.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 149.16%#			
37) Toluene-d8	7.36	98	209156	28.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 112.52%			
38) trans-1,3-Dichloropropene-	7.66	79	28268	28.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 114.40%			
39) 2-Hexanone-d5	8.14	63	21816	52.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.88%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47915	25.39	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.56%			
61) 1,2-Dichlorobenzene-d4	11.68	152	31569	23.89	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.56%			
Target Compounds						Qvalue
13) Acetone	2.20	43	42822	32.842	ug/L	97
14) Carbon disulfide	2.32	76	19004	1.955	ug/L	100
16) Methylene chloride	2.53	84	7027	1.777	ug/L	85
21) 2-Butanone	4.02	43	15902	13.012	ug/L	93
30) Cyclohexane	4.72	56	2460	0.679	ug/L #	81
34) Benzene	5.14	78	71928	8.344	ug/L	100
36) Methylcyclohexane	6.18	83	8518	2.055	ug/L	89
44) Toluene	7.43	91	21713	2.402	ug/L	97
52) Chlorobenzene	8.93	112	4683	0.796	ug/L	97
53) Ethylbenzene	9.06	91	12180	1.242	ug/L	95
54) m,p-Xylene	9.18	106	10495	2.826	ug/L	97
55) o-xylene	9.59	106	8556	2.480	ug/L	88
57) Isopropylbenzene	9.98	105	20726	2.210	ug/L #	96

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

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