Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040819\
Data File : VV010195.D
Acq On : 09 Apr 2019 01:03
Operator : SY/MD
Sample : K2254-07
Misc : 6.19G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFC28

Quant Time: Apr 09 08:17:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 07:35:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	277920	25.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	233784	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90616	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.31	65	57322	15.41	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.64%				
7) Chloroethane-d5	1.57	69	87885	19.02	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.08%				
10) 1,1-Dichloroethene-d2	2.12	63	121994	13.00	ug/L		0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 52.00%				
20) 2-Butanone-d5	3.93	46	44910	42.42	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.84%				
24) Chloroform-d	4.40	84	141588	20.22	ug/L		0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 80.88%				
26) 1,2-Dichloroethane-d4	5.08	65	87341	22.30	ug/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.20%				
29) Benzene-d6	5.09	84	292280	24.11	ug/L		0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.44%				
33) 1,2-Dichloropropane-d6	6.12	67	93525	26.14	ug/L		0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.56%				
37) Toluene-d8	7.36	98	258370	22.12	ug/L		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.48%				
38) trans-1,3-Dichloropropene-	7.66	79	22250	14.55	ug/L		0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 58.20%				
39) 2-Hexanone-d5	8.13	63	31388	43.74	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.48%				
48) 1,1,2,2-Tetrachloroethane-	10.26	84	68691	19.47	ug/L		0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 77.88%				
61) 1,2-Dichlorobenzene-d4	11.67	152	76496	21.67	ug/L		0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.68%				
Target Compounds							Qvalue
13) Acetone	2.19	43	26929	25.726	ug/L		98
14) Carbon disulfide	2.31	76	3101	0.393	ug/L	#	78
16) Methylene chloride	2.53	84	22674	4.644	ug/L		90
21) 2-Butanone	4.04	43	5538	4.831	ug/L	#	72
30) Cyclohexane	4.72	56	108436	25.695	ug/L		85
34) Benzene	5.14	78	77207	6.753	ug/L		100
36) Methylcyclohexane	6.17	83	135911	27.570	ug/L		93
43) 4-Methyl-2-pentanone	7.28	43	15769	7.378	ug/L	#	73
44) Toluene	7.43	91	89096	6.944	ug/L		98
53) Ethylbenzene	9.05	91	1757424	124.908	ug/L		100
54) m,p-Xylene	9.18	106	372308	67.986	ug/L		98
55) o-xylene	9.59	106	285524	53.817	ug/L		94
57) Isopropylbenzene	9.97	105	305242	21.816	ug/L		99

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

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