Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
Data File : VV009908.D
Acq On : 26 Mar 2019 21:38
Operator : SY/MD
Sample : K2101-01
Misc : 6.70G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0J9

Quant Time: Mar 27 01:49:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	127	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.91	117	305	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	1191	462.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 1848.56%#			
7) Chloroethane-d5	1.60	69	818	293.88	ug/L	0.03
Spiked Amount 25.000	Range 30 - 150		Recovery = 1175.52%#			
10) 1,1-Dichloroethene-d2	2.14	63	1404	199.15	ug/L	0.02
Spiked Amount 25.000	Range 45 - 110		Recovery = 796.60%#			
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.00%#			
24) Chloroform-d	4.41	84	373	115.28	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 461.12%#			
26) 1,2-Dichloroethane-d4	5.09	65	162	83.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 332.76%#			
29) Benzene-d6	5.11	84	1098	68.55	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 274.20%#			
33) 1,2-Dichloropropane-d6	6.10	67	113	24.11	ug/L	-0.01
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.44%			
37) Toluene-d8	7.37	98	764	50.39	ug/L	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 201.56%#			
38) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount 25.000	Range 30 - 135		Recovery = 0.00%#			
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.00%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	70	15.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 60.36%			
61) 1,2-Dichlorobenzene-d4	11.68	152	39	23.82	ug/L	0.01
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.28%			
Target Compounds						Qvalue
3) Chloromethane	1.26	50	89	39.167	ug/L #	43
8) Chloroethane	1.59	64	156	61.291	ug/L #	43
9) Trichlorofluoromethane	1.91	101	40	6.348	ug/L #	18
11) 1,1,2-Trichloro-1,2,2-trif	1.91	101	40	10.922	ug/L #	17
13) Acetone	2.08	43	71	97.647	ug/L #	45
14) Carbon disulfide	2.16	76	41	9.754	ug/L #	74
15) Methyl Acetate	2.47	43	77	90.408	ug/L #	49
18) trans-1,2-Dichloroethene	2.49	96	65	39.061	ug/L #	1
19) 1,1-Dichloroethane	3.15	63	53	17.416	ug/L #	48
21) 2-Butanone	4.22	43	77	118.906	ug/L #	54
34) Benzene	5.36	78	68	4.060	ug/L	100
40) 1,2-Dichloropropane	6.44	63	46	10.991	ug/L #	92
43) 4-Methyl-2-pentanone	7.21	43	42	14.063	ug/L #	1
49) 2-Hexanone	8.09	43	43	21.303	ug/L #	39
53) Ethylbenzene	9.26	91	52	2.553	ug/L #	43

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

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