Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092419\
Data File : VV012962.D
Acq On : 24 Sep 2019 16:15
Operator : SY/MD
Sample : K4984-10RE
Misc : 5.67G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEDL4RE

Quant Time: Sep 25 01:59:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 25 01:56:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	5346	25.00	ug/L	0.01
28) Chlorobenzene-d5	8.90	117	3620	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.36	152	66	25.00	ug/L	0.07
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	2260	27.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.96%			
7) Chloroethane-d5	1.59	69	2053	30.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 122.44%			
10) 1,1-Dichloroethene-d2	2.14	63	3406	24.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.76%			
20) 2-Butanone-d5	4.00	46	43	1.50	ug/L	0.07
Spiked Amount 50.000	Range 20 - 135		Recovery = 3.00%#			
24) Chloroform-d	4.41	84	2173	14.80	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 59.20%			
26) 1,2-Dichloroethane-d4	5.10	65	1648	19.30	ug/L	0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 77.20%			
29) Benzene-d6	5.11	84	7693	38.06	ug/L	0.01
Spiked Amount 25.000	Range 20 - 135		Recovery = 152.24%#			
33) 1,2-Dichloropropane-d6	6.12	67	574	9.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 36.24%#			
37) Toluene-d8	7.37	98	5206	28.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 113.48%			
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-	10.27	84	357	5.93	ug/L	0.02
Spiked Amount 25.000	Range 45 - 120		Recovery = 23.72%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	42	16.38	ug/L	0.01
Spiked Amount 25.000	Range 75 - 120		Recovery = 65.52%#			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	450	5.853	ug/L	89
6) Bromomethane	1.25	94	43	0.907	ug/L #	3
13) Acetone	2.22	43	249	8.180	ug/L	71
16) Methylene chloride	2.54	84	365	4.568	ug/L #	70
35) Trichloroethene	5.67	95	68	1.211	ug/L #	4
36) Methylcyclohexane	6.15	83	73	0.847	ug/L #	17
47) Tetrachloroethene	8.02	164	1913	41.931	ug/L	90
50) Dibromochloromethane	8.05	129	205	4.009	ug/L #	11

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

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