Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121619\
Data File : VW014366.D
Acq On : 16 Dec 2019 13:59
Operator : SY/VA
Sample : K6270-04RE
Misc : 5.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETK82RE

Manual Integrations APPROVED
MMDadoda
12/18/2019 12:58:33 PM

Quant Time: Dec 17 07:46:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 17 07:27:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	105726	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	68598	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.54	152	34852m	25.00	ug/L	-0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	47335	29.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 118.28%			
7) Chloroethane-d5	2.88	69	41645	34.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 139.92%			
10) 1,1-Dichloroethene-d2	4.01	63	57961	20.50	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.00%			
20) 2-Butanone-d5	7.08	46	27577	66.10	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 132.20%			
24) Chloroform-d	7.65	84	81695	30.35	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 121.40%			
26) 1,2-Dichloroethane-d4	8.30	65	48601m	34.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 137.76%#			
29) Benzene-d6	8.27	84	146138	36.35	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 145.40%#			
33) 1,2-Dichloropropane-d6	9.27	67	48690	39.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 157.44%#			
37) Toluene-d8	10.32	98	82553	22.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.84%			
38) trans-1,3-Dichloropropene-	10.58	79	16268	31.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 125.40%			
39) 2-Hexanone-d5	10.92	63	15362	62.46	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.92%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	42344	42.01	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 168.04%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	16357m	12.28	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 49.12%#			
Target Compounds						Qvalue
13) Acetone	4.12	43	19035	47.322	ug/L	95
16) Methylene chloride	4.92	84	4509	2.782	ug/L	89
30) Cyclohexane	7.96	56	5782	3.377	ug/L	90
34) Benzene	8.32	78	4520m	1.041	ug/L	
36) Methylcyclohexane	9.33	83	3419	1.831	ug/L #	62
44) Toluene	10.39	91	15955	3.504	ug/L	94
47) Tetrachloroethene	10.85	164	932	1.006	ug/L	87
53) Ethylbenzene	11.73	91	8053	1.630	ug/L	97
54) m,p-Xylene	11.83	106	4718	2.482	ug/L	91
55) o-xylene	12.16	106	2835	1.573	ug/L	88

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

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