Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFC40

Manual Integrations APPROVED
MMDadoda
4/11/2019 2:47:02 PM

Quant Time: Apr 11 02:26:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 08:15:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	394703	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	221393	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	49526	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	124479	24.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.40%			
7) Chloroethane-d5	2.89	69	116446	24.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.44%			
10) 1,1-Dichloroethene-d2	4.01	63	197411	17.77	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.08%			
20) 2-Butanone-d5	7.07	46	120990	72.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 144.30%#			
24) Chloroform-d	7.65	84	282678	26.25	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.00%			
26) 1,2-Dichloroethane-d4	8.30	65	186472m	28.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.80%			
29) Benzene-d6	8.27	84	465966	40.09	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 160.36%#			
33) 1,2-Dichloropropane-d6	9.27	67	153133	42.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 170.64%#			
37) Toluene-d8	10.32	98	280142	26.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.28%			
38) trans-1,3-Dichloropropene-	10.57	79	55586	32.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 129.88%			
39) 2-Hexanone-d5	10.93	63	76816	113.53	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 227.06%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93200	27.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.72%			
61) 1,2-Dichlorobenzene-d4	13.85	152	43694	25.14	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.56%			
Target Compounds						Qvalue
13) Acetone	4.12	43	367449	204.501	ug/L	100
14) Carbon disulfide	4.37	76	32247	1.979	ug/L	96
16) Methylene chloride	4.90	84	23560	3.385	ug/L	92
21) 2-Butanone	7.17	43	119558	52.318	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	19391	7.321	ug/L	100
44) Toluene	10.38	91	37452	2.654	ug/L	99
53) Ethylbenzene	11.73	91	70124	4.363	ug/L	94
54) m,p-Xylene	11.84	106	43592	7.332	ug/L	88
55) o-xylene	12.17	106	39448	6.967	ug/L	96
56) Styrene	12.18	104	9842	1.002	ug/L	85
57) Isopropylbenzene	12.47	105	18717	1.207	ug/L #	57

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

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