Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF654

Manual Integrations APPROVED
MMDadoda
4/11/2019 11:42:56 AM

Quant Time: Apr 08 12:34:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 03:43:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	373388	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	226837	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	52936	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	125774	25.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.96%			
7) Chloroethane-d5	2.89	69	116540	26.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.12%			
10) 1,1-Dichloroethene-d2	4.01	63	185318	17.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.56%			
20) 2-Butanone-d5	7.08	46	72924	45.97	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.94%			
24) Chloroform-d	7.64	84	242035	23.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.04%			
26) 1,2-Dichloroethane-d4	8.30	65	155325m	24.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.32%			
29) Benzene-d6	8.27	84	446653	37.51	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 150.04%#			
33) 1,2-Dichloropropane-d6	9.27	67	136829	37.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 148.80%#			
37) Toluene-d8	10.32	98	308253	28.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 112.00%			
38) trans-1,3-Dichloropropene-	10.58	79	47472	27.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 108.24%			
39) 2-Hexanone-d5	10.93	63	48384	69.79	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 139.58%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	68273	19.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 79.88%			
61) 1,2-Dichlorobenzene-d4	13.85	152	40499	21.80	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.20%			
Target Compounds						Qvalue
13) Acetone	4.12	43	27171	15.985	ug/L	98
14) Carbon disulfide	4.37	76	13641	0.885	ug/L	96
16) Methylene chloride	4.92	84	40043	6.081	ug/L	89
30) Cyclohexane	7.95	56	15301	2.858	ug/L	91
36) Methylcyclohexane	9.34	83	44709	7.614	ug/L	89
44) Toluene	10.39	91	92713	6.413	ug/L	99
53) Ethylbenzene	11.73	91	253105	15.368	ug/L	99
54) m,p-Xylene	11.83	106	309420	50.797	ug/L	97
55) o-xylene	12.16	106	203457	35.070	ug/L	99
57) Isopropylbenzene	12.46	105	115018	7.240	ug/L	97

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

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