Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
Data File : VW010239.D
Acq On : 01 May 2019 06:09
Operator : SY/VA
Sample : K2604-10
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ84

Manual Integrations APPROVED
sam
5/7/2019 9:20:05 AM

Quant Time: May 02 22:38:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 03:52:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	548162	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	437203	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	145781	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	97890	15.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 62.96%			
7) Chloroethane-d5	2.89	69	85240	16.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.88%			
10) 1,1-Dichloroethene-d2	4.01	63	181960	13.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 52.64%			
20) 2-Butanone-d5	7.07	46	93336	40.69	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.38%			
24) Chloroform-d	7.65	84	335237	23.60	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	8.30	65	196130	24.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.12%			
29) Benzene-d6	8.27	84	566279	24.05	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.20%			
33) 1,2-Dichloropropane-d6	9.27	67	202214	27.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.00%			
37) Toluene-d8	10.32	98	407314	19.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 76.12%			
38) trans-1,3-Dichloropropene-	10.58	79	70869	20.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.64%			
39) 2-Hexanone-d5	10.93	63	81165	52.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.02%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	159651	25.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.68%			
61) 1,2-Dichlorobenzene-d4	13.85	152	110204	20.35	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 81.40%			
Target Compounds						Qvalue
13) Acetone	4.12	43	10702	5.904	ug/L	75
16) Methylene chloride	4.90	84	17106m	1.875	ug/L	
34) Benzene	8.32	78	21838	0.890	ug/L	100
44) Toluene	10.38	91	161572	6.153	ug/L	98
47) Tetrachloroethene	10.87	164	8919	1.643	ug/L	88
54) m,p-Xylene	11.84	106	16651	1.488	ug/L	97
55) o-xylene	12.17	106	505983	47.841	ug/L	95
56) Styrene	12.18	104	186749	10.196	ug/L	81

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

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