Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050619\
Data File : VV010684.D
Acq On : 06 May 2019 18:40
Operator : SY/MD
Sample : K2633-02MS
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ95MS

Quant Time: May 07 04:48:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Tue May 07 04:01:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	192677	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184839	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	94230	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	31162	12.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 51.08%			
7) Chloroethane-d5	1.58	69	26503	15.52	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 62.08%			
10) 1,1-Dichloroethene-d2	2.13	63	69082	16.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.60%			
20) 2-Butanone-d5	3.93	46	23007	31.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 62.00%			
24) Chloroform-d	4.40	84	102588	20.61	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.44%			
26) 1,2-Dichloroethane-d4	5.08	65	54237	19.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 76.08%			
29) Benzene-d6	5.10	84	218940	22.86	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.44%			
33) 1,2-Dichloropropane-d6	6.12	67	68083	23.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.80%			
37) Toluene-d8	7.36	98	210866	22.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.64%			
38) trans-1,3-Dichloropropene-	7.66	79	24893	20.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.12%			
39) 2-Hexanone-d5	8.13	63	18157	34.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.52%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49958	18.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 75.56%			
61) 1,2-Dichlorobenzene-d4	11.67	152	87448	24.12	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.48%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	35367	19.106	ug/L	98
34) Benzene	5.15	78	232774	26.344	ug/L	100
35) Trichloroethene	5.96	95	65472	25.978	ug/L	100
44) Toluene	7.43	91	275092	28.209	ug/L	100
52) Chlorobenzene	8.93	112	183427	26.951	ug/L	98
53) Ethylbenzene	9.05	91	9717	0.881	ug/L	99
54) m,p-Xylene	9.18	106	34633	8.287	ug/L	94
55) o-xylene	9.59	106	28912	7.081	ug/L	97
56) Styrene	9.60	104	101806	14.692	ug/L	96

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

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