Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121319\
Data File : VY000940.D
Acq On : 13 Dec 2019 11:53
Operator : SY/MD
Sample : K4649-02MS
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : A5167MS

Manual Integrations APPROVED
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12/17/2019 2:47:37 PM

Quant Time: Dec 14 06:11:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM110519SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 12 09:49:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	456266	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	413329	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	194513	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.24	65	127029	18.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.08%			
7) Chloroethane-d5	2.75	69	124080	20.49	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.96%			
11) 1,1-Dichloroethene-d2	3.86	63	617902	51.23	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 204.92%#			
21) 2-Butanone-d5	6.90	46	174820	57.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.56%			
24) Chloroform-d	7.49	84	270632	22.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.04%			
26) 1,2-Dichloroethane-d4	8.15	65	158215	22.04	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.16%			
32) Benzene-d6	8.11	84	599536	25.08	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.32%			
36) 1,2-Dichloropropane-d6	9.12	67	196661	27.00	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.00%			
41) Toluene-d8	10.17	98	536014	24.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.48%			
43) trans-1,3-Dichloropropene-	10.44	79	85590	23.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.12%			
47) 2-Hexanone-d5	10.78	63	139505	61.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 122.38%			
56) 1,1,2,2-Tetrachloroethane-	12.55	84	197097	24.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.96%			
66) 1,2-Dichlorobenzene-d4	13.72	152	183290	24.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.52%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.87	96	822326	135.684	ug/L #	75
13) Acetone	3.96	43	7125	2.447	ug/L	92
16) Methylene chloride	4.72	84	8165m	1.098	ug/L	
33) Benzene	8.17	78	3927246	144.670	ug/L	100
34) Trichloroethene	8.94	95	944333	131.818	ug/L	96
42) Toluene	10.24	91	4126844	142.354	ug/L	100
51) Chlorobenzene	11.51	112	2614457	141.191	ug/L	98

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

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