

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101019\
 Data File : VV013094.D
 Acq On : 10 Oct 2019 16:39
 Operator : SY/MD
 Sample : K5262-13
 Misc : 4.24G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB77

Manual Integrations
 APPROVED

Quant Time: Oct 11 08:14:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 11 07:31:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	548351	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	411418	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	99192	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	171805	20.19	ug/L	0.00	MMDadoda
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.76%			
7) Chloroethane-d5	1.58	69	177464	25.80	ug/L	0.00	10/15/2019 4:15:21 PM
Spiked Amount 25.000	Range 30 - 150		Recovery =	103.20%			
10) 1,1-Dichloroethene-d2	2.13	63	236413	16.71	ug/L	0.00	
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.84%			
20) 2-Butanone-d5	3.96	46	102531	34.90	ug/L	0.00	
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.80%			
24) Chloroform-d	4.40	84	377034	25.03	ug/L	0.00	
Spiked Amount 25.000	Range 40 - 150		Recovery =	100.12%			
26) 1,2-Dichloroethane-d4	5.08	65	225937	25.80	ug/L	0.00	
Spiked Amount 25.000	Range 70 - 130		Recovery =	103.20%			
29) Benzene-d6	5.10	84	711610	30.98	ug/L	0.00	
Spiked Amount 25.000	Range 20 - 135		Recovery =	123.92%			
33) 1,2-Dichloropropane-d6	6.12	67	243085	33.76	ug/L	0.00	
Spiked Amount 25.000	Range 70 - 120		Recovery =	135.04%#			
37) Toluene-d8	7.36	98	515317	24.71	ug/L	0.00	
Spiked Amount 25.000	Range 30 - 130		Recovery =	98.84%			
38) trans-1,3-Dichloropropene-	7.66	79	61862	20.29	ug/L	0.00	
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.16%			
39) 2-Hexanone-d5	8.13	63	59409	41.00	ug/L	0.00	
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.00%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	174444	25.51	ug/L	0.00	
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.04%			
61) 1,2-Dichlorobenzene-d4	11.67	152	95408	24.76	ug/L	0.00	
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.04%			

Target Compounds				Ovalue
13) Acetone	2.22	43	6316m	2.023 ug/L

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

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