

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100919\
 Data File : VV013081.D
 Acq On : 09 Oct 2019 17:57
 Operator : SY/MD
 Sample : K5265-21
 Misc : 6.41G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBAT3

Manual Integrations
 APPROVED

MMDadoda
 10/17/2019 5:33:01 AM

Quant Time: Oct 10 09:04:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 10 07:47:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	476386	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	437306	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	157725	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126932	17.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.68%
7) Chloroethane-d5	1.58	69	127731	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.48%
10) 1,1-Dichloroethene-d2	2.13	63	179175	14.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.32%
20) 2-Butanone-d5	3.95	46	99435	38.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.92%
24) Chloroform-d	4.40	84	277369	21.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.76%
26) 1,2-Dichloroethane-d4	5.08	65	159434	20.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.84%
29) Benzene-d6	5.10	84	526836	21.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.32%
33) 1,2-Dichloropropane-d6	6.11	67	176686	23.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.36%
37) Toluene-d8	7.36	98	417845	18.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.40%
38) trans-1,3-Dichloropropene-	7.66	79	58363	18.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.04%
39) 2-Hexanone-d5	8.14	63	58425	37.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	149387	20.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	134713	21.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.92%

Target Compounds					Qvalue
13) Acetone	2.20	43	4806m	1.772 ug/L	
16) Methylene chloride	2.54	84	10964	1.540 ug/L	94

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

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