

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101019\
 Data File : VV013095.D
 Acq On : 10 Oct 2019 17:06
 Operator : SY/MD
 Sample : K5262-14
 Misc : 3.73G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFBB0

Manual Integrations
 APPROVED

MMDadoda
 10/15/2019 4:15:25 PM

Quant Time: Oct 12 22:23:13 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	624862	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	465055	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	116285	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	179207	18.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.92%
7) Chloroethane-d5	1.58	69	183200	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.48%
10) 1,1-Dichloroethene-d2	2.13	63	248557	15.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.68%
20) 2-Butanone-d5	3.96	46	91505	27.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.66%
24) Chloroform-d	4.40	84	402649	23.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.84%
26) 1,2-Dichloroethane-d4	5.08	65	230642	23.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.44%
29) Benzene-d6	5.10	84	760050	29.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.08%
33) 1,2-Dichloropropane-d6	6.11	67	258702	31.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.16%#
37) Toluene-d8	7.36	98	568763	24.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.52%
38) trans-1,3-Dichloropropene-	7.66	79	61224	17.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.04%
39) 2-Hexanone-d5	8.13	63	48210	29.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	165259	21.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	103103	22.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.28%

Target Compounds				Ovalue
13) Acetone	2.22	43	6199m	1.742 ug/L

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

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