

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101019\
 Data File : VV013092.D
 Acq On : 10 Oct 2019 15:44
 Operator : SY/MD
 Sample : K5262-11
 Misc : 4.58G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB75

Manual Integrations
 APPROVED

MMDadoda
 10/15/2019 4:15:11 PM

Quant Time: Oct 11 08:09:37 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	512319	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	373045	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	91415	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	158398	19.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.72%
7) Chloroethane-d5	1.58	69	163535	25.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.80%
10) 1,1-Dichloroethene-d2	2.13	63	219258	16.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.36%
20) 2-Butanone-d5	3.96	46	107543	39.18	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.36%
24) Chloroform-d	4.40	84	344830	24.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	202039	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.80%
29) Benzene-d6	5.10	84	644051	30.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.68%
33) 1,2-Dichloropropane-d6	6.11	67	220164	33.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	134.88%#
37) Toluene-d8	7.36	98	455094	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.28%
38) trans-1,3-Dichloropropene-	7.66	79	59100	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.52%
39) 2-Hexanone-d5	8.14	63	62390	47.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.98%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	151963	24.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	82706	23.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.16%

Target Compounds				Ovalue
13) Acetone	2.23	43	4932m	1.691 ug/L

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

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