

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101019\
 Data File : VV013090.D
 Acq On : 10 Oct 2019 14:49
 Operator : SY/MD
 Sample : K5262-09
 Misc : 4.87G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB72

Manual Integrations
 APPROVED

MMDadoda
 10/15/2019 4:15:07 PM

Quant Time: Oct 11 08:04:00 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	697373	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	530171	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	133662	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	178542	16.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.00%
7) Chloroethane-d5	1.58	69	176141	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.52%
10) 1,1-Dichloroethene-d2	2.13	63	249444	13.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.44%
20) 2-Butanone-d5	3.96	46	109589	29.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.66%
24) Chloroform-d	4.40	84	372794	19.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.84%
26) 1,2-Dichloroethane-d4	5.08	65	204547	18.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.48%
29) Benzene-d6	5.09	84	730399	24.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.72%
33) 1,2-Dichloropropane-d6	6.11	67	237847	25.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.52%
37) Toluene-d8	7.36	98	566986	21.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.40%
38) trans-1,3-Dichloropropene-	7.66	79	70112	17.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.40%
39) 2-Hexanone-d5	8.14	63	62446	33.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.90%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	138120	15.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	97282	18.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.92%#

Target Compounds					Ovalue
13) Acetone	2.22	43	4608m	1.160 ug/L	
36) Methylcyclohexane	6.17	83	13836	1.096 ug/L	93

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

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