

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040219\
 Data File : VW009651.D
 Acq On : 02 Apr 2019 12:43
 Operator : SY/VA
 Sample : K2119-11
 Misc : 5.70G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5A5

Manual Integrations
 APPROVED

MMDadoda
 4/9/2019 5:12:35 PM

Quant Time: Apr 03 04:33:00 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M

Quant Title : VOC Analysis

QLast Update : Wed Apr 03 04:08:07 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	473360	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	446893	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198008	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123554	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
7) Chloroethane-d5	2.89	69	118228	17.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.44%
10) 1,1-Dichloroethene-d2	4.01	63	197738	16.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.68%
20) 2-Butanone-d5	7.07	46	78689	33.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.28%
24) Chloroform-d	7.64	84	283138	21.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.68%
26) 1,2-Dichloroethane-d4	8.31	65	164963	21.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.80%
29) Benzene-d6	8.27	84	501578	20.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.40%
33) 1,2-Dichloropropane-d6	9.27	67	161291	21.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.16%
37) Toluene-d8	10.32	98	436520	19.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.64%
38) trans-1,3-Dichloropropene-	10.58	79	66640	17.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.72%
39) 2-Hexanone-d5	10.93	63	52360	29.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133608	18.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	166736	21.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.84%

Target Compounds					Qvalue
13) Acetone	4.12	43	4457	2.323 ug/L	89
16) Methylene chloride	4.93	84	25035m	3.627 ug/L	

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

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