

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\  
 Data File : VW014626.D  
 Acq On : 14 Jan 2020 10:27  
 Operator : SY/VA  
 Sample : VW0114SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VBLK19

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 1/16/2020 1:51:14 PM

Quant Time: Jan 15 01:56:12 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122719S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 15 01:48:42 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	931210	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	831267	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	375136	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	305093	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.96%
7) Chloroethane-d5	2.89	69	243243	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.60%
10) 1,1-Dichloroethene-d2	4.01	63	442314	18.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.68%
20) 2-Butanone-d5	7.07	46	188866	60.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.92%
24) Chloroform-d	7.65	84	535890	25.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	8.30	65	291365m	26.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.84%
29) Benzene-d6	8.27	84	1174635	26.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.28%
33) 1,2-Dichloropropane-d6	9.27	67	353416	26.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.36%
37) Toluene-d8	10.32	98	1059743	26.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.76%
38) trans-1,3-Dichloropropene-	10.57	79	144201	26.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.08%
39) 2-Hexanone-d5	10.92	63	140560	61.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	291615	29.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	348117	28.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.64%

Target Compounds					Ovalue
13) Acetone	4.12	43	22132	5.117 ug/L	75

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

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