

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121819\  
 Data File : VW014450.D  
 Acq On : 18 Dec 2019 23:46  
 Operator : SY/VA  
 Sample : K6279-08RE  
 Misc : 5.25G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**Client Sampled :**  
 BFEYORE

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 12/19/2019 2:02:41 PM

Quant Time: Dec 19 06:09:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Dec 19 04:35:06 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	783362	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	661777	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	219475	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	259156	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.40%
7) Chloroethane-d5	2.89	69	228484	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.64%
10) 1,1-Dichloroethene-d2	4.02	63	374298	17.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.44%
20) 2-Butanone-d5	7.08	46	82457	26.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.36%
24) Chloroform-d	7.65	84	571996	28.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.72%
26) 1,2-Dichloroethane-d4	8.30	65	300828	28.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.08%
29) Benzene-d6	8.27	84	1073465	27.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.72%
33) 1,2-Dichloropropane-d6	9.27	67	364797	30.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.28%#
37) Toluene-d8	10.32	98	878540	25.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.20%
38) trans-1,3-Dichloropropene-	10.57	79	85757	17.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.52%
39) 2-Hexanone-d5	10.92	63	61212	25.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	237413	24.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	224927	26.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.28%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.91	84	20588m	1.714	ug/L	

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

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