

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052720\  
 Data File : VW015494.D  
 Acq On : 27 May 2020 10:29  
 Operator : SY/VA  
 Sample : VW0527SBL01  
 Misc : 5.00G/10.0mL/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**Client Sampled :**  
 VBLK28

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 6/1/2020 12:19:41 PM

Quant Time: May 28 01:59:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM052620S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu May 28 01:49:49 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	361312	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	323981	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	145823	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	69580	21.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.04%
7) Chloroethane-d5	2.90	69	73284	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.04%
10) 1,1-Dichloroethene-d2	4.01	63	119996	14.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.48%
20) 2-Butanone-d5	7.08	46	57273	52.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.96%
24) Chloroform-d	7.65	84	189065	22.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.52%
26) 1,2-Dichloroethane-d4	8.31	65	111952m	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.32%
29) Benzene-d6	8.27	84	366861	23.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.36%
33) 1,2-Dichloropropane-d6	9.27	67	114588	23.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.92%
37) Toluene-d8	10.32	98	347809	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.08%
38) trans-1,3-Dichloropropene-	10.58	79	49725	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.04%
39) 2-Hexanone-d5	10.93	63	43339	51.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89225	24.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	114998	23.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.12%

Target Compounds Ovalue

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

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