

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\  
 Data File : VW017558.D  
 Acq On : 04 Dec 2020 16:04  
 Operator : SY/VA  
 Sample : L4941-09  
 Misc : 5.10G/10ML/MSVOA W/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 C0B21

Manual Integrations  
 APPROVED

MMDadoda  
 12/21/2020 1:36:34 PM

Quant Time: Dec 20 03:32:16 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM112420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sun Dec 20 01:44:20 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	2159469	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1782283	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	757634	25.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97666	3.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	13.76%#
7) Chloroethane-d5	2.89	69	89051	3.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	14.88%#
10) 1,1-Dichloroethene-d2	4.03	63	174494	2.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	11.04%#
20) 2-Butanone-d5	7.08	46	46418	7.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	15.50%#
24) Chloroform-d	7.65	84	252206	4.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	16.44%#
26) 1,2-Dichloroethane-d4	8.31	65	130744m	4.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	17.36%#
29) Benzene-d6	8.27	84	475018	4.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	17.32%#
33) 1,2-Dichloropropane-d6	9.27	67	140697	4.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	18.56%#
37) Toluene-d8	10.33	98	424437	4.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	17.00%#
38) trans-1,3-Dichloropropene-	10.58	79	51891	3.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	15.32%#
39) 2-Hexanone-d5	10.93	63	27383	7.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	14.60%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92469	4.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	16.96%#
61) 1,2-Dichlorobenzene-d4	13.85	152	119740	4.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	17.08%#

Target Compounds					Ovalue
16) Methylene chloride	4.93	84	45324	1.398 ug/L	97

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

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