

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018581.D
 Acq On : 07 Apr 2021 15:18
 Operator : SY/VA
 Sample : M1896-19RE
 Misc : 5.84G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG5A5RE

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 9:27:28 AM

Quant Time: Apr 08 05:36:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 05:34:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	109308	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	77910	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	19904	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	38438	25.27	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	101.08%		
7) Chloroethane-d5	2.892	69	33162	24.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.64%		
10) 1,1-Dichloroethene-d2	4.019	63	42640	16.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	64.96%		
20) 2-Butanone-d5	7.086	46	27053	79.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	159.78%#		
24) Chloroform-d	7.647	84	63303	22.74	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.96%		
26) 1,2-Dichloroethane-d4	8.305	65	40833	25.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.48%		
29) Benzene-d6	8.275	84	117739	28.43	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	113.72%		
33) 1,2-Dichloropropane-d6	9.274	67	35483	29.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	118.80%		
37) Toluene-d8	10.323	98	95817	24.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.12%		
38) trans-1,3-Dichloroprop...	10.579	79	11336	18.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	73.60%		
39) 2-Hexanone-d5	10.927	63	16368	70.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	140.02%#		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	35272	33.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	132.00%#		
61) 1,2-Dichlorobenzene-d4	13.853	152	15806	22.34	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.36%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	6928	28.48	ug/L	95
16) Methylene chloride	4.916	84	2889m	1.61	ug/L	
22) cis-1,2-Dichloroethene	7.171	96	46976	29.48	ug/L	90
34) Benzene	8.323	78	8213	1.82	ug/L	100
35) Trichloroethene	9.098	95	1248	1.00	ug/L #	30
44) Toluene	10.384	91	1759	0.34	ug/L	90
47) Tetrachloroethene	10.866	164	4482	4.74	ug/L	81

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

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