

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018405.D
 Acq On : 19 Mar 2021 22:51
 Operator : SY/VA
 Sample : M1685-06RE
 Misc : 5.40G/10ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG492RE

Quant Time: Mar 20 04:01:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 03:58:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	385761	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	293056	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	94729	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	136165	25.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	101.48%		
7) Chloroethane-d5	2.891	69	125948	26.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	107.20%		
10) 1,1-Dichloroethene-d2	4.025	63	161939	17.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.88%		
20) 2-Butanone-d5	7.074	46	80266	67.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	134.32%		
24) Chloroform-d	7.653	84	234054	23.82	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.28%		
26) 1,2-Dichloroethane-d4	8.305	65	147354	25.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	102.76%		
29) Benzene-d6	8.275	84	454339	29.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	116.64%		
33) 1,2-Dichloropropane-d6	9.274	67	133360	29.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	118.72%		
37) Toluene-d8	10.323	98	387116	25.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	103.24%		
38) trans-1,3-Dichloroprop...	10.579	79	50889	21.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.84%		
39) 2-Hexanone-d5	10.927	63	62757	71.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	142.72%#		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	123840	30.81	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	123.24%#		
61) 1,2-Dichlorobenzene-d4	13.853	152	80757	23.98	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.92%		
Target Compounds					Qvalue	
13) Acetone	4.117	43	18193	21.19	ug/L	93
14) Carbon disulfide	4.379	76	8193	0.56	ug/L #	95
16) Methylene chloride	4.922	84	21234	3.36	ug/L	94
21) 2-Butanone	7.177	43	5540	4.06	ug/L	99
22) cis-1,2-Dichloroethene	7.165	96	15739	2.80	ug/L	92
34) Benzene	8.323	78	13472	0.79	ug/L	100
35) Trichloroethene	9.098	95	2794	0.60	ug/L	97
47) Tetrachloroethene	10.866	164	8925	2.51	ug/L	91

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

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