

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
 Data File : VW018602.D
 Acq On : 08 Apr 2021 14:43
 Operator : SY/VA
 Sample : M1968-03RE
 Misc : 5.56G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5A7RE

Quant Time: Apr 09 03:13:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 03:11:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	422684	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	345601	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	110484	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	111017	18.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.48%		
7) Chloroethane-d5	2.891	69	92734	18.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.04%		
10) 1,1-Dichloroethene-d2	4.019	63	133335	13.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	52.52%		
20) 2-Butanone-d5	7.080	46	62104	47.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.86%		
24) Chloroform-d	7.647	84	200581	18.63	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	74.52%		
26) 1,2-Dichloroethane-d4	8.305	65	125988	20.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.20%		
29) Benzene-d6	8.275	84	390847	21.27	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.08%		
33) 1,2-Dichloropropane-d6	9.274	67	115441	21.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.12%		
37) Toluene-d8	10.323	98	355336	20.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.36%		
38) trans-1,3-Dichloroprop...	10.579	79	42498	15.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	62.20%		
39) 2-Hexanone-d5	10.926	63	45510	43.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.76%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	104625	22.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.28%		
61) 1,2-Dichlorobenzene-d4	13.853	152	70854	18.04	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	72.16%#		
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	34695	4.32	ug/L	96
13) Acetone	4.141	43	14304	15.21	ug/L	99
14) Carbon disulfide	4.385	76	22322	1.40	ug/L #	95
16) Methylene chloride	4.915	84	13470	1.94	ug/L	92
44) Toluene	10.384	91	6906	0.30	ug/L	100

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

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