

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
 Data File : VW018605.D
 Acq On : 08 Apr 2021 16:19
 Operator : SY/VA
 Sample : M1968-04
 Misc : 5.02G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5A8

Quant Time: Apr 09 03:13:45 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	426538	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	358248	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	119913	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	105909	17.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.36%
7) Chloroethane-d5	2.897	69	85490	16.45	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.80%
10) 1,1-Dichloroethene-d2	4.025	63	122248	11.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.72%
20) 2-Butanone-d5	7.086	46	57432	43.46	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.92%
24) Chloroform-d	7.653	84	189278	17.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.68%
26) 1,2-Dichloroethane-d4	8.305	65	120944	19.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.28%
29) Benzene-d6	8.274	84	365992	19.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.88%
33) 1,2-Dichloropropane-d6	9.274	67	106434	19.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.48%
37) Toluene-d8	10.323	98	329953	17.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.96%
38) trans-1,3-Dichloroprop...	10.579	79	41786	14.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.00%
39) 2-Hexanone-d5	10.926	63	45495	42.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.64%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	100742	20.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.00%
61) 1,2-Dichlorobenzene-d4	13.853	152	70846	16.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.48%#
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	68084	8.40	ug/L	97
13) Acetone	4.141	43	12760	13.44	ug/L	96
14) Carbon disulfide	4.391	76	57052	3.54	ug/L	98
16) Methylene chloride	4.915	84	25514	3.65	ug/L	91
44) Toluene	10.384	91	6239	0.26	ug/L #	71

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

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