

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
 Data File : VW018601.D
 Acq On : 08 Apr 2021 14:19
 Operator : SY/VA
 Sample : M1968-05
 Misc : 4.76G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5A9

Manual Integrations
 APPROVED

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 4/9/2021 7:55:37 PM

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Quant Time: Apr 09 03:13:15 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	8.842	114	377962	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	300702	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	100176	25.00	ug/L	0.00

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System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	99236	18.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.48%
7) Chloroethane-d5	2.898	69	81368	17.67	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.68%
10) 1,1-Dichloroethene-d2	4.019	63	110953	12.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.88%
20) 2-Butanone-d5	7.080	46	54756	46.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.52%
24) Chloroform-d	7.653	84	167408	17.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.56%
26) 1,2-Dichloroethane-d4	8.305	65	104949	18.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.72%
29) Benzene-d6	8.275	84	326466	20.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.68%
33) 1,2-Dichloropropane-d6	9.275	67	95894	20.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.20%
37) Toluene-d8	10.323	98	289318	18.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.20%
38) trans-1,3-Dichloroprop...	10.579	79	33120	13.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	55.72%
39) 2-Hexanone-d5	10.927	63	39817	44.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.24%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	83613	20.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.08%
61) 1,2-Dichlorobenzene-d4	13.853	152	58540	16.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	65.76%#

Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	17121	2.38	ug/L	84
13) Acetone	4.129	43	18986m	22.57	ug/L	
14) Carbon disulfide	4.385	76	28688	2.01	ug/L #	95
16) Methylene chloride	4.922	84	12716m	2.05	ug/L	
21) 2-Butanone	7.183	43	4629	3.46	ug/L	71
44) Toluene	10.390	91	6399	0.32	ug/L	95

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

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