

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
 Data File : VW017851.D
 Acq On : 13 Jan 2021 16:42
 Operator : SY/VA
 Sample : M1117-02
 Misc : 6.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFN61

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 4:06:57 PM

Quant Time: Jan 14 14:25:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	124776	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	97175	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	30250	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	49895	25.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.36%
7) Chloroethane-d5	2.89	69	41837	26.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.04%
10) 1,1-Dichloroethene-d2	4.01	63	62613	18.61	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.44%
20) 2-Butanone-d5	7.08	46	23014	73.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.10%#
24) Chloroform-d	7.65	84	84727	25.98	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.92%
26) 1,2-Dichloroethane-d4	8.31	65	53352	31.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.44%
29) Benzene-d6	8.27	84	161355	29.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.92%
33) 1,2-Dichloropropane-d6	9.27	67	47522	31.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.00%#
37) Toluene-d8	10.32	98	129693	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.68%
38) trans-1,3-Dichloropropene-	10.58	79	16930	25.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.68%
39) 2-Hexanone-d5	10.92	63	13131	69.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.60%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	35295	31.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.04%#
61) 1,2-Dichlorobenzene-d4	13.85	152	24058	22.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	3114m	11.525	ug/L	
16) Methylene chloride	4.92	84	3480	1.950	ug/L	89
53) Ethylbenzene	11.73	91	5607	0.780	ug/L	98
54) m,p-Xylene	11.83	106	8981	3.194	ug/L	90
55) o-xylene	12.16	106	3036	1.148	ug/L	80

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

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