

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017875.D
 Acq On : 14 Jan 2021 13:19
 Operator : SY/VA
 Sample : M1117-05
 Misc : 5.83G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFN62

Quant Time: Jan 14 23:15:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 21:44:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	336563	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	272284	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	93961	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	126727	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.32%
7) Chloroethane-d5	2.89	69	106385	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.00%
10) 1,1-Dichloroethene-d2	4.02	63	165307	18.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.88%
20) 2-Butanone-d5	7.08	46	50611	59.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.92%
24) Chloroform-d	7.65	84	222766	25.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.32%
26) 1,2-Dichloroethane-d4	8.31	65	130658	28.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.80%
29) Benzene-d6	8.27	84	435907	28.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.68%
33) 1,2-Dichloropropane-d6	9.27	67	130024	30.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.00%#
37) Toluene-d8	10.32	98	379093	25.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.96%
38) trans-1,3-Dichloropropene-	10.58	79	48205	25.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.32%
39) 2-Hexanone-d5	10.93	63	34615	65.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90303	28.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	83030	25.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.52%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	9366	1.946 ug/L	87
53) Ethylbenzene	11.73	91	6554	0.325 ug/L	97
54) m,p-Xylene	11.84	106	10731	1.362 ug/L	93
55) o-xylene	12.16	106	4458	0.602 ug/L	82

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

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