

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011121\
 Data File : VW017823.D
 Acq On : 11 Jan 2021 16:49
 Operator : SY/VA
 Sample : M1074-11
 Misc : 3.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT50

Manual Integrations
 APPROVED

SAM
 1/12/2021 9:30:29 PM

Quant Time: Jan 12 06:37:21 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 12 05:24:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	326468	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292524	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	139259	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	128465	25.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.72%
7) Chloroethane-d5	2.89	69	100307	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.24%
10) 1,1-Dichloroethene-d2	4.03	63	164496	18.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.76%
20) 2-Butanone-d5	7.07	46	37520	45.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.66%
24) Chloroform-d	7.65	84	199867	23.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	8.30	65	110244	24.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.88%
29) Benzene-d6	8.27	84	406030	24.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.56%
33) 1,2-Dichloropropane-d6	9.27	67	113440	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.92%
37) Toluene-d8	10.32	98	375202	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.84%
38) trans-1,3-Dichloropropene-	10.58	79	43863	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.68%
39) 2-Hexanone-d5	10.93	63	26351	46.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	74309	22.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	107542	22.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.72%

Target Compounds				Ovalue
13) Acetone	4.12	43	1868m	2.642 ug/L
16) Methylene chloride	4.93	84	11939m	2.557 ug/L

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

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