

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017530.D
 Acq On : 03 Dec 2020 11:41
 Operator : SY/VA
 Sample : L4920-04
 Misc : 4.70G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4F4

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 1:35:19 PM

Quant Time: Dec 20 01:24:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	489868	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	437179	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	217273	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	105265	16.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.36%
7) Chloroethane-d5	2.90	69	94431	17.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.48%
10) 1,1-Dichloroethene-d2	4.03	63	192065	13.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.56%
20) 2-Butanone-d5	7.09	46	53909	39.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.34%
24) Chloroform-d	7.65	84	271875	19.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.16%
26) 1,2-Dichloroethane-d4	8.31	65	138360	20.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.04%
29) Benzene-d6	8.28	84	520308	19.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.40%
33) 1,2-Dichloropropane-d6	9.27	67	150819	20.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.08%
37) Toluene-d8	10.32	98	478633	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.20%
38) trans-1,3-Dichloropropene-	10.58	79	62553	18.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.28%
39) 2-Hexanone-d5	10.93	63	34899	37.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108242	20.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	169734	21.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.40%

Target Compounds				Ovalue
16) Methylene chloride	4.93	84	19240m	2.616 ug/L

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

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