

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012020\
 Data File : VW014689.D
 Acq On : 20 Jan 2020 12:33
 Operator : SY/VA
 Sample : L1118-17
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
ClientSampled :
 GASN2

Manual Integrations
APPROVED
 MMDadoda
 1/21/2020 2:20:13 PM

Quant Time: Jan 21 03:53:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 21 03:38:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1181154	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1037074	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	447866	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	349397	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.92%
7) Chloroethane-d5	2.89	69	292061	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.24%
10) 1,1-Dichloroethene-d2	4.01	63	514062	16.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.52%
20) 2-Butanone-d5	7.07	46	135478	34.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.38%
24) Chloroform-d	7.64	84	644895	23.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	8.30	65	317170	22.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.96%
29) Benzene-d6	8.27	84	1365586	24.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.04%
33) 1,2-Dichloropropane-d6	9.27	67	415102	25.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.12%
37) Toluene-d8	10.32	98	1212489	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.00%
38) trans-1,3-Dichloropropene-	10.57	79	148206	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.56%
39) 2-Hexanone-d5	10.92	63	98639	34.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	257847	20.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	375752	25.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.84%

Target Compounds					Ovalue
13) Acetone	4.12	43	15968m	2.911	ug/L
44) Toluene	10.38	91	197753	3.032	ug/L

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

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