

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091120\
 Data File : VW016547.D
 Acq On : 11 Sep 2020 14:01
 Operator : SY/VA
 Sample : L3950-19
 Misc : 5.78G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWZ9

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 10:27:42 AM

Quant Time: Sep 12 07:57:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 12 07:12:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	651869	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	573174	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	252946	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	118720	17.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.68%
7) Chloroethane-d5	2.90	69	117912	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.96%
10) 1,1-Dichloroethene-d2	4.03	63	173870	10.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.72%#
20) 2-Butanone-d5	7.08	46	62327	25.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.46%
24) Chloroform-d	7.66	84	294111	19.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.04%
26) 1,2-Dichloroethane-d4	8.31	65	149239m	17.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.48%
29) Benzene-d6	8.28	84	521661	17.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.60%
33) 1,2-Dichloropropane-d6	9.28	67	159063	18.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.32%
37) Toluene-d8	10.33	98	473817	17.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.44%
38) trans-1,3-Dichloropropene-	10.58	79	68076	15.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.04%
39) 2-Hexanone-d5	10.93	63	48717	27.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118373	16.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	172958	19.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.16%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	13821	1.359 ug/L	87

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

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