

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091020\
 Data File : VW016521.D
 Acq On : 10 Sep 2020 14:00
 Operator : SY/VA
 Sample : L3945-12
 Misc : 5.16G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFX04

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 9:47:13 AM

Quant Time: Sep 11 07:06:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 06:07:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	686428	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	597445	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	254216	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	127142	17.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.84%
7) Chloroethane-d5	2.90	69	123847	18.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.76%
10) 1,1-Dichloroethene-d2	4.03	63	193654	11.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.28%
20) 2-Butanone-d5	7.08	46	73752	28.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.72%
24) Chloroform-d	7.66	84	305854	19.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.08%
26) 1,2-Dichloroethane-d4	8.31	65	163914m	18.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.56%
29) Benzene-d6	8.28	84	556649	18.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.32%
33) 1,2-Dichloropropane-d6	9.28	67	170665	19.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.52%
37) Toluene-d8	10.33	98	520893	18.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.16%
38) trans-1,3-Dichloropropene-	10.58	79	77639	17.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.00%
39) 2-Hexanone-d5	10.93	63	58062	31.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136237	18.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	188419	21.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.80%

Target Compounds					Ovalue
44) Toluene	10.39	91	15259	0.417 ug/L	93

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

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