

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091020\
 Data File : VW016527.D
 Acq On : 10 Sep 2020 16:22
 Operator : SY/VA
 Sample : L3945-09RE
 Misc : 6.39G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWY3RE

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 9:46:58 AM

Quant Time: Sep 11 07:31:49 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	294784	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	248180	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	98944	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	70751	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.48%
7) Chloroethane-d5	2.90	69	65862	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.80%
10) 1,1-Dichloroethene-d2	4.03	63	102389	14.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.96%
20) 2-Butanone-d5	7.09	46	32356	28.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.94%
24) Chloroform-d	7.65	84	149862	21.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	8.31	65	78669m	20.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.36%
29) Benzene-d6	8.28	84	277462	21.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.96%
33) 1,2-Dichloropropane-d6	9.28	67	83623	22.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.24%
37) Toluene-d8	10.33	98	248698	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.96%
38) trans-1,3-Dichloropropene-	10.59	79	34420	18.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.60%
39) 2-Hexanone-d5	10.93	63	24412	32.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	62384	19.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	79636	23.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.16%

Target Compounds					Ovalue
13) Acetone	4.14	43	7685	10.720 ug/L	84
16) Methylene chloride	4.92	84	10946	2.379 ug/L	88
47) Tetrachloroethene	10.87	164	11702	3.882 ug/L	90

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

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