

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020420\
 Data File : VW014861.D
 Acq On : 04 Feb 2020 15:20
 Operator : SY/VA
 Sample : L1323-14
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT52

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 6:25:11 PM

Quant Time: Feb 05 04:30:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 05 03:41:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1247111	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1123429	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	484594	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	366803	18.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.12%
7) Chloroethane-d5	2.89	69	338522	18.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.52%
10) 1,1-Dichloroethene-d2	4.02	63	576680	13.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.60%
20) 2-Butanone-d5	7.07	46	237416	32.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.68%
24) Chloroform-d	7.65	84	774740	19.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.04%
26) 1,2-Dichloroethane-d4	8.31	65	417037m	18.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.76%
29) Benzene-d6	8.27	84	1627845	20.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.24%
33) 1,2-Dichloropropane-d6	9.27	67	528922	20.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.52%
37) Toluene-d8	10.32	98	1422291	20.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.32%
38) trans-1,3-Dichloropropene-	10.57	79	182542	17.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.08%
39) 2-Hexanone-d5	10.92	63	181322	35.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	366925	18.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	445255	21.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.72%

Target Compounds					Ovalue
13) Acetone	4.13	43	20127	2.535 ug/L	93
16) Methylene chloride	4.92	84	37686	1.637 ug/L	95

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

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