

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020420\
 Data File : VW014860.D
 Acq On : 04 Feb 2020 14:54
 Operator : SY/VA
 Sample : L1323-13
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT51

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 6:25:08 PM

Quant Time: Feb 05 04:27:15 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	52095	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	46877	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	12595	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	16925	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.96%
7) Chloroethane-d5	2.90	69	20964	26.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.48%
10) 1,1-Dichloroethene-d2	4.03	63	30395	17.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.16%
20) 2-Butanone-d5	7.09	46	11340	36.98	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.96%
24) Chloroform-d	7.65	84	41425	24.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.92%
26) 1,2-Dichloroethane-d4	8.30	65	24734	26.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.12%
29) Benzene-d6	8.27	84	82794	25.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.24%
33) 1,2-Dichloropropane-d6	9.27	67	28067	25.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.64%
37) Toluene-d8	10.32	98	60963	21.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.56%
38) trans-1,3-Dichloropropene-	10.58	79	7730	18.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.12%
39) 2-Hexanone-d5	10.93	63	5317	25.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	21691	25.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	19433	36.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	147.32%#

Target Compounds				Ovalue
16) Methylene chloride	4.91	84	3061m	3.182 ug/L

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

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