

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020520\
 Data File : VW014880.D
 Acq On : 05 Feb 2020 19:22
 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
 2/6/2020 4:45:24 PM

Quant Time: Feb 06 03:25:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 06 02:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1043694	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	959198	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	373410	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	330196	19.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.44%
7) Chloroethane-d5	2.89	69	320418	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.64%
10) 1,1-Dichloroethene-d2	4.01	63	500434	15.85	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.40%
20) 2-Butanone-d5	7.07	46	190272	39.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.48%
24) Chloroform-d	7.65	84	711870	24.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.08%
26) 1,2-Dichloroethane-d4	8.31	65	390571	23.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.28%
29) Benzene-d6	8.27	84	1434466	23.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.04%
33) 1,2-Dichloropropane-d6	9.27	67	482481	24.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.00%
37) Toluene-d8	10.32	98	1235418	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.04%
38) trans-1,3-Dichloropropene-	10.57	79	158170	19.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.72%
39) 2-Hexanone-d5	10.92	63	142481	38.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	324812	21.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	377649	26.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.32%

Target Compounds				Ovalue
13) Acetone	4.13	43	13058m	2.609 ug/L

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

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