

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020420\
 Data File : VW014857.D
 Acq On : 04 Feb 2020 13:09
 Operator : SY/VA
 Sample : L1323-19
 Misc : 5.04G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT57

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 6:25:03 PM

Quant Time: Feb 05 04:23:43 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	780228	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	706326	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	313894	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	263613	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.28%
7) Chloroethane-d5	2.89	69	254831	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.24%
10) 1,1-Dichloroethene-d2	4.01	63	416371m	16.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.16%
20) 2-Butanone-d5	7.07	46	130236	28.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.72%
24) Chloroform-d	7.65	84	549477	22.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	8.31	65	279165m	19.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.96%
29) Benzene-d6	8.27	84	1139713	22.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.56%
33) 1,2-Dichloropropane-d6	9.27	67	371393	22.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.04%
37) Toluene-d8	10.32	98	982891	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.48%
38) trans-1,3-Dichloropropene-	10.57	79	120280	18.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.48%
39) 2-Hexanone-d5	10.92	63	94689	29.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	226597	17.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	311740	23.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
13) Acetone	4.12	43	14684	2.956	ug/L 91
16) Methylene chloride	4.91	84	25543	1.773	ug/L 94
54) m,p-Xylene	11.83	106	15914	0.811	ug/L 91
55) o-xylene	12.16	106	8186	0.448	ug/L 92
56) Styrene	12.18	104	20170	0.648	ug/L 98

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

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