

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020420\
 Data File : VW014864.D
 Acq On : 04 Feb 2020 17:31
 Operator : SY/VA
 Sample : L1324-02
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT59

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 6:25:17 PM

Quant Time: Feb 05 04:42:53 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	1209397	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1092958	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	491862	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	370075	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.16%
7) Chloroethane-d5	2.89	69	341876	18.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.52%
10) 1,1-Dichloroethene-d2	4.01	63	590170m	14.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.68%
20) 2-Butanone-d5	7.07	46	271591	38.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.30%
24) Chloroform-d	7.65	84	811601	21.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.32%
26) 1,2-Dichloroethane-d4	8.31	65	448741	20.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.92%
29) Benzene-d6	8.27	84	1704651	22.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.52%
33) 1,2-Dichloropropane-d6	9.27	67	563985	22.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.32%
37) Toluene-d8	10.32	98	1508827	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.76%
38) trans-1,3-Dichloropropene-	10.57	79	201495	20.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.64%
39) 2-Hexanone-d5	10.92	63	208759	42.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	401602	20.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	482945	23.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.76%

Target Compounds					Ovalue
13) Acetone	4.12	43	20730	2.692 ug/L	97
16) Methylene chloride	4.92	84	38542	1.726 ug/L	93

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

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