

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020420\
 Data File : VW014858.D
 Acq On : 04 Feb 2020 13:35
 Operator : SY/VA
 Sample : L1323-16
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT54

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 6:25:05 PM

Quant Time: Feb 05 04:15:20 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	693383	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	621859	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	231552	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	196443	18.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.36%
7) Chloroethane-d5	2.89	69	194238	18.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.84%
10) 1,1-Dichloroethene-d2	4.01	63	320594	13.90	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.60%
20) 2-Butanone-d5	7.07	46	120120	29.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.86%
24) Chloroform-d	7.65	84	455016	20.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.44%
26) 1,2-Dichloroethane-d4	8.31	65	246444	19.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.44%
29) Benzene-d6	8.27	84	929694	21.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.84%
33) 1,2-Dichloropropane-d6	9.27	67	313108	21.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.16%
37) Toluene-d8	10.32	98	769848	20.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.48%
38) trans-1,3-Dichloropropene-	10.58	79	99984	17.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.32%
39) 2-Hexanone-d5	10.92	63	86537	30.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	191243	17.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	201214	20.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.96%

Target Compounds					Ovalue
13) Acetone	4.12	43	15873	3.596 ug/L	100
16) Methylene chloride	4.90	84	28247m	2.206 ug/L	
56) Styrene	12.18	104	19154	0.699 ug/L	91

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

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