

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
 Data File : VW014814.D
 Acq On : 30 Jan 2020 17:18
 Operator : SY/VA
 Sample : L1271-17
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT08

Manual Integrations
 APPROVED

MMDadoda
 1/31/2020 4:22:38 PM

Quant Time: Jan 31 03:10:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 01:08:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1017687	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	874762	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	292765	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	268768	16.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.68%
7) Chloroethane-d5	2.89	69	239969	17.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.08%
10) 1,1-Dichloroethene-d2	4.01	63	390189m	13.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.52%
20) 2-Butanone-d5	7.07	46	134272	29.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.68%
24) Chloroform-d	7.65	84	573319	20.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.64%
26) 1,2-Dichloroethane-d4	8.30	65	254477	16.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.28%#
29) Benzene-d6	8.27	84	1118682	20.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.28%
33) 1,2-Dichloropropane-d6	9.27	67	331322	19.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.44%
37) Toluene-d8	10.32	98	970002	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.12%
38) trans-1,3-Dichloropropene-	10.57	79	132912	19.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.96%
39) 2-Hexanone-d5	10.92	63	117306	36.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	203398	15.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	60.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	243932	21.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.04%

Target Compounds					Ovalue
13) Acetone	4.12	43	17384	3.546 ug/L	66
16) Methylene chloride	4.91	84	62035	3.607 ug/L	98
44) Toluene	10.38	91	100149	1.759 ug/L	97

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

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