

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012820\
 Data File : VW014786.D
 Acq On : 28 Jan 2020 14:28
 Operator : SY/VA
 Sample : L1271-13
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT04

Manual Integrations
 APPROVED

MMDadoda
 1/29/2020 11:14:16 AM

Quant Time: Jan 28 16:32:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 16:16:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	520682	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	491030	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	211593	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	180127	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
7) Chloroethane-d5	2.89	69	149527	21.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.36%
10) 1,1-Dichloroethene-d2	4.01	63	231108	15.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.96%
20) 2-Butanone-d5	7.07	46	85761	36.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.24%
24) Chloroform-d	7.65	84	310950	21.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.56%
26) 1,2-Dichloroethane-d4	8.30	65	172195m	22.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.00%
29) Benzene-d6	8.27	84	636987	20.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.44%
33) 1,2-Dichloropropane-d6	9.27	67	206497	21.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.00%
37) Toluene-d8	10.32	98	550940	20.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.04%
38) trans-1,3-Dichloropropene-	10.57	79	79285	20.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.84%
39) 2-Hexanone-d5	10.92	63	59083	32.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146328	19.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	177986	21.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.84%

Target Compounds					Ovalue
13) Acetone	4.12	43	11313	4.511 ug/L	99
16) Methylene chloride	4.91	84	18832	2.140 ug/L	97

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

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