

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021020\
 Data File : VW014951.D
 Acq On : 10 Feb 2020 18:55
 Operator : SY/VA
 Sample : L1416-08
 Misc : 5.27G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F3S36

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 6:10:41 PM

Quant Time: Feb 11 14:47:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 11 00:31:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	840959	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	785247	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	286752	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	227438	16.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.36%
7) Chloroethane-d5	2.89	69	231430	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.04%
10) 1,1-Dichloroethene-d2	4.01	63	372518m	14.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.60%
20) 2-Butanone-d5	7.07	46	168580	43.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.30%
24) Chloroform-d	7.65	84	551390	23.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.36%
26) 1,2-Dichloroethane-d4	8.30	65	325510	24.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.52%
29) Benzene-d6	8.27	84	1087998	21.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.20%
33) 1,2-Dichloropropane-d6	9.27	67	388663	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.48%
37) Toluene-d8	10.32	98	895764	20.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.64%
38) trans-1,3-Dichloropropene-	10.57	79	119644	18.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.64%
39) 2-Hexanone-d5	10.92	63	113424	37.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	243860	19.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	253054	22.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.04%

Target Compounds					Ovalue
13) Acetone	4.12	43	21149	5.244 ug/L	96
16) Methylene chloride	4.91	84	26351	1.720 ug/L	87

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

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