

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009296.D
 Acq On : 20 Mar 2019 19:12
 Operator : SY/VA
 Sample : K1789-13
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Manual Integrations
 APPROVED

MMDadoda
 3/24/2019 6:48:34 AM

Quant Time: Mar 22 08:12:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 10:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	412217	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	389215	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	183030	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115537	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.80%
7) Chloroethane-d5	2.89	69	106008	18.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.56%
10) 1,1-Dichloroethene-d2	4.01	63	174069	16.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.40%
20) 2-Butanone-d5	7.08	46	81711	40.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.22%
24) Chloroform-d	7.65	84	233055	20.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.88%
26) 1,2-Dichloroethane-d4	8.31	65	142322	21.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.00%
29) Benzene-d6	8.27	84	446750	20.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.24%
33) 1,2-Dichloropropane-d6	9.27	67	134915	20.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.72%
37) Toluene-d8	10.32	98	406036	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.84%
38) trans-1,3-Dichloropropene-	10.57	79	61363	18.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.80%
39) 2-Hexanone-d5	10.93	63	60499	38.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125298	19.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	152195	21.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.76%

Target Compounds				Ovalue
16) Methylene chloride	4.92	84	11125m	1.851 ug/L

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

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