

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111919\
 Data File : VW014078.D
 Acq On : 19 Nov 2019 11:42
 Operator : SY/VA
 Sample : K5845-02
 Misc : 3.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFLW6

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 1:27:39 PM

Quant Time: Nov 20 06:20:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 20 05:59:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	327586	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	283288	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	122770	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108807	20.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.28%
7) Chloroethane-d5	2.89	69	102545	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.80%
10) 1,1-Dichloroethene-d2	4.01	63	179743	16.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.04%
20) 2-Butanone-d5	7.07	46	95381	62.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.64%
24) Chloroform-d	7.65	84	271319	26.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.76%
26) 1,2-Dichloroethane-d4	8.31	65	149509	29.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.08%
29) Benzene-d6	8.27	84	566107	28.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.64%
33) 1,2-Dichloropropane-d6	9.27	67	174850	29.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.80%
37) Toluene-d8	10.32	98	485193	25.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.80%
38) trans-1,3-Dichloropropene-	10.57	79	64748	25.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.72%
39) 2-Hexanone-d5	10.92	63	75745	67.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.68%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	138834	31.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.92%#
61) 1,2-Dichlorobenzene-d4	13.85	152	133024	26.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	4122m	2.668	ug/L	
35) Trichloroethene	9.09	95	47269	8.528	ug/L	99
44) Toluene	10.39	91	10589	0.467	ug/L	91
47) Tetrachloroethene	10.86	164	124424	25.184	ug/L	99

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

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