

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110420\
 Data File : VW017083.D
 Acq On : 04 Nov 2020 20:00
 Operator : SY/VA
 Sample : L4615-11
 Misc : 5.51G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG483

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:37:13 AM

Quant Time: Nov 05 07:22:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 16:12:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	509237	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	462416	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	209724	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	149717	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.36%
7) Chloroethane-d5	2.89	69	111658	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.36%
10) 1,1-Dichloroethene-d2	4.03	63	199920	17.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.72%
20) 2-Butanone-d5	7.08	46	48548	33.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.70%
24) Chloroform-d	7.65	84	270734	22.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	8.31	65	128271m	21.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.80%
29) Benzene-d6	8.27	84	564026	23.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.80%
33) 1,2-Dichloropropane-d6	9.27	67	154356	23.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.80%
37) Toluene-d8	10.32	98	537209	24.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.76%
38) trans-1,3-Dichloropropene-	10.58	79	61563	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.84%
39) 2-Hexanone-d5	10.93	63	40476	35.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109230	19.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	187687	25.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.60%

Target Compounds

					Qvalue
13) Acetone	4.13	43	9323	9.707 ug/L	96
14) Carbon disulfide	4.39	76	6465	0.376 ug/L	100
16) Methylene chloride	4.92	84	7145	1.041 ug/L	94
17) Methyl tert-butyl Ether	5.43	73	10141	1.314 ug/L #	86
22) cis-1,2-Dichloroethene	7.17	96	3408	0.493 ug/L	92
35) Trichloroethene	9.09	95	288963	42.483 ug/L	99
47) Tetrachloroethene	10.87	164	1771719	288.704 ug/L	98

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

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