

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081920\
 Data File : VW016257.D
 Acq On : 19 Aug 2020 15:45
 Operator : SY/VA
 Sample : L3709-14
 Misc : 5.02G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Aug 20 08:32:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 20 01:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	403117	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	376319	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166735	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	84358	16.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.52%
7) Chloroethane-d5	2.90	69	68509	18.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.24%
10) 1,1-Dichloroethene-d2	4.01	63	152041	14.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.28%
20) 2-Butanone-d5	7.09	46	53042	40.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.66%
24) Chloroform-d	7.65	84	219662	20.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	8.31	65	112465	19.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.28%
29) Benzene-d6	8.28	84	428968	20.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.80%
33) 1,2-Dichloropropane-d6	9.28	67	125845	20.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.60%
37) Toluene-d8	10.33	98	395895	21.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.36%
38) trans-1,3-Dichloropropene-	10.58	79	53358	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.88%
39) 2-Hexanone-d5	10.93	63	44036	42.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108774	22.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	139427	23.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.36%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Methylene chloride	4.92	84	24755	3.889	ug/L	97

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

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