

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082020\
 Data File : VW016269.D
 Acq On : 20 Aug 2020 16:07
 Operator : SY/VA
 Sample : L3767-13
 Misc : 6.39G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWR9

Quant Time: Aug 21 04:36:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 21 03:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	316683	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	280315	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	103771	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	62846	16.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.04%
7) Chloroethane-d5	2.89	69	53630	18.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.00%
10) 1,1-Dichloroethene-d2	4.02	63	107205	12.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.44%
20) 2-Butanone-d5	7.08	46	39690	38.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.84%
24) Chloroform-d	7.65	84	173075	20.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.48%
26) 1,2-Dichloroethane-d4	8.31	65	90549	20.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.24%
29) Benzene-d6	8.28	84	323759	21.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.92%
33) 1,2-Dichloropropane-d6	9.27	67	100072	22.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.28%
37) Toluene-d8	10.32	98	286300	20.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.88%
38) trans-1,3-Dichloropropene-	10.58	79	40464	20.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.32%
39) 2-Hexanone-d5	10.93	63	33755	43.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82123	22.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	84414	22.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.80%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	44828	8.965 ug/L	97
47) Tetrachloroethene	10.87	164	251898	77.305 ug/L	97

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

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