

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082020\
 Data File : VW016267.D
 Acq On : 20 Aug 2020 15:20
 Operator : SY/VA
 Sample : L3767-12
 Misc : 5.47G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWR0

Quant Time: Aug 21 04:27:32 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	425112	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	397607	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166290	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	67765	12.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.44%
7) Chloroethane-d5	2.89	69	57057	14.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.04%
10) 1,1-Dichloroethene-d2	4.01	63	117771	10.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.08%#
20) 2-Butanone-d5	7.07	46	43905	31.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.32%
24) Chloroform-d	7.65	84	192506	16.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.48%
26) 1,2-Dichloroethane-d4	8.31	65	98446	16.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	65.00%#
29) Benzene-d6	8.27	84	367320	16.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.92%
33) 1,2-Dichloropropane-d6	9.27	67	110571	17.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	69.52%#
37) Toluene-d8	10.33	98	328921	16.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.32%
38) trans-1,3-Dichloropropene-	10.58	79	45584	15.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.80%
39) 2-Hexanone-d5	10.93	63	37165	33.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93356	18.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	121364	20.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.36%

Target Compounds					Ovalue
16) Methylene chloride	4.91	84	47977	7.147 ug/L	93
47) Tetrachloroethene	10.87	164	9355	2.024 ug/L	97

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

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