

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102020\
 Data File : VW016947.D
 Acq On : 20 Oct 2020 11:51
 Operator : SY/VA
 Sample : L4471-01
 Misc : 5.55G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y9

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 1:35:32 PM

1:35:32 PM

Quant Time: Oct 21 22:37:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 22:43:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	597385	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	512331	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	250092	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	122088	20.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.88%
7) Chloroethane-d5	2.89	69	111575	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.28%
10) 1,1-Dichloroethene-d2	4.02	63	196943	15.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.96%
20) 2-Butanone-d5	7.09	46	61273	45.90	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.80%
24) Chloroform-d	7.65	84	307141	24.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.48%
26) 1,2-Dichloroethane-d4	8.31	65	150337	24.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.76%
29) Benzene-d6	8.27	84	601707	25.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.44%
33) 1,2-Dichloropropane-d6	9.27	67	172150	27.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.12%
37) Toluene-d8	10.32	98	556013	25.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.28%
38) trans-1,3-Dichloropropene-	10.58	79	68170	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.88%
39) 2-Hexanone-d5	10.93	63	50795	52.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130933	25.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	211597	26.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.68%

Target Compounds

					Ovalue	
13) Acetone	4.14	43	2558m	2.532	ug/L	
16) Methylene chloride	4.92	84	13522m	1.640	ug/L	
17) Methyl tert-butyl Ether	5.42	73	2153m	0.249	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	2719	0.330	ug/L	91
34) Benzene	8.32	78	10144	0.369	ug/L	100
35) Trichloroethene	9.09	95	158071	20.311	ug/L	99
47) Tetrachloroethene	10.87	164	3248555	450.247	ug/L	94

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

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