

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016834.D
 Acq On : 07 Oct 2020 15:14
 Operator : SY/VA
 Sample : L4284-04
 Misc : 5.30G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3W1

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 1:55:26 PM

Quant Time: Oct 08 09:17:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	374647	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337054	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	154597	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	175842	47.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	190.32%#
7) Chloroethane-d5	2.89	69	143288	46.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	184.88%#
10) 1,1-Dichloroethene-d2	4.03	63	253026	32.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	128.96%#
20) 2-Butanone-d5	7.09	46	68721	82.09	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.18%#
24) Chloroform-d	7.65	84	346277	43.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	175.20%#
26) 1,2-Dichloroethane-d4	8.31	65	177149	46.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	185.60%#
29) Benzene-d6	8.27	84	726323	47.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	189.80%#
33) 1,2-Dichloropropane-d6	9.27	67	194125	47.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	188.76%#
37) Toluene-d8	10.32	98	686618	47.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	190.12%#
38) trans-1,3-Dichloropropene-	10.58	79	79030	43.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	174.24%#
39) 2-Hexanone-d5	10.93	63	58533	92.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	184.00%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	148373	44.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	178.60%#
61) 1,2-Dichlorobenzene-d4	13.85	152	240248	49.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	196.00%#

Target Compounds

					Ovalue
13) Acetone	4.17	43	4622	7.296 ug/L	76
16) Methylene chloride	4.92	84	13292	2.571 ug/L	93
17) Methyl tert-butyl Ether	5.43	73	2758m	0.509 ug/L	
22) cis-1,2-Dichloroethene	7.18	96	1987	0.385 ug/L	82
35) Trichloroethene	9.09	95	165426	32.311 ug/L	99
47) Tetrachloroethene	10.87	164	2272377	478.732 ug/L	96

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

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