

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017070.D
 Acq On : 03 Nov 2020 19:28
 Operator : SY/VA
 Sample : L4615-08
 Misc : 6.18G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG480

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:02:24 AM

Quant Time: Nov 04 06:13:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 04:03:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	447488	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	388691	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143401	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114955	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.04%
7) Chloroethane-d5	2.90	69	98591	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.56%
10) 1,1-Dichloroethene-d2	4.02	63	163197	16.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.00%
20) 2-Butanone-d5	7.08	46	52577	54.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.08%
24) Chloroform-d	7.65	84	246986	23.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	8.31	65	120507	24.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.24%
29) Benzene-d6	8.28	84	500778	25.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.32%
33) 1,2-Dichloropropane-d6	9.28	67	140828	26.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.52%
37) Toluene-d8	10.33	98	456019	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.04%
38) trans-1,3-Dichloropropene-	10.58	79	50827	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.88%
39) 2-Hexanone-d5	10.93	63	44405	58.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106314	25.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	126804	25.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.64%

Target Compounds

					Ovalue
13) Acetone	4.12	43	5760	8.799 ug/L	66
14) Carbon disulfide	4.39	76	23960	1.349 ug/L	96
16) Methylene chloride	4.93	84	12452m	2.105 ug/L	
35) Trichloroethene	9.09	95	5822	0.979 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	3024	1.330 ug/L	97
47) Tetrachloroethene	10.87	164	169897	31.058 ug/L	93

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

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