

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017064.D
 Acq On : 03 Nov 2020 17:07
 Operator : SY/VA
 Sample : L4615-10
 Misc : 5.87G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG482

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:02:19 AM

Quant Time: Nov 04 05:47:05 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	547864	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	460115	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189094	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	131453	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.16%
7) Chloroethane-d5	2.90	69	110061	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.84%
10) 1,1-Dichloroethene-d2	4.02	63	190163	15.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.84%
20) 2-Butanone-d5	7.08	46	50347	42.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.54%
24) Chloroform-d	7.65	84	270805	21.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.72%
26) 1,2-Dichloroethane-d4	8.31	65	126664	21.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.20%
29) Benzene-d6	8.27	84	558782	23.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.56%
33) 1,2-Dichloropropane-d6	9.27	67	152885	23.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.84%
37) Toluene-d8	10.33	98	515181	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.60%
38) trans-1,3-Dichloropropene-	10.58	79	50773	18.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.00%
39) 2-Hexanone-d5	10.93	63	39350	43.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105640	21.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	154659	23.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.08%

Target Compounds

					Ovalue
13) Acetone	4.12	43	6243	7.789	ug/L 95
14) Carbon disulfide	4.39	76	18673	0.859	ug/L 95
16) Methylene chloride	4.92	84	14110	1.948	ug/L 95
17) Methyl tert-butyl Ether	5.43	73	1800	0.230	ug/L # 93
22) cis-1,2-Dichloroethene	7.18	96	6900	0.910	ug/L 95
34) Benzene	8.33	78	30680	1.207	ug/L 100
35) Trichloroethene	9.10	95	496611	70.544	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	2796	1.039	ug/L # 94
47) Tetrachloroethene	10.86	164	15035986m	2321.945	ug/L

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

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