

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017056.D
 Acq On : 03 Nov 2020 13:59
 Operator : SY/VA
 Sample : L4615-12
 Misc : 5.70G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG484

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:02:06 AM

Quant Time: Nov 04 04:53:26 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	557902	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	479892	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219361	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	136183	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.60%
7) Chloroethane-d5	2.90	69	115668	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
10) 1,1-Dichloroethene-d2	4.02	63	203810	16.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.08%
20) 2-Butanone-d5	7.08	46	44200	36.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.88%
24) Chloroform-d	7.65	84	281653	21.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	8.31	65	127262	21.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.04%
29) Benzene-d6	8.28	84	588184	23.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.44%
33) 1,2-Dichloropropane-d6	9.28	67	158190	23.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.08%
37) Toluene-d8	10.33	98	558609	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.28%
38) trans-1,3-Dichloropropene-	10.58	79	55207	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.20%
39) 2-Hexanone-d5	10.93	63	36784	39.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100196	19.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	183899	23.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.40%

Target Compounds

					Ovalue
13) Acetone	4.12	43	10829	13.268	ug/L 98
14) Carbon disulfide	4.39	76	95723	4.323	ug/L 98
16) Methylene chloride	4.92	84	17213	2.334	ug/L 89
21) 2-Butanone	7.19	43	3148	2.305	ug/L 86
22) cis-1,2-Dichloroethene	7.16	96	2016m	0.261	ug/L
35) Trichloroethene	9.10	95	100556	13.695	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	2174	0.775	ug/L # 83
47) Tetrachloroethene	10.87	164	10850289	1606.513	ug/L 91

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

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