

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110420\
 Data File : VW017081.D
 Acq On : 04 Nov 2020 18:50
 Operator : SY/VA
 Sample : L4615-05
 Misc : 5.51G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG477

Quant Time: Nov 05 07:12:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 16:12:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	554507	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	481389	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	226168	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	142662	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.72%
7) Chloroethane-d5	2.89	69	106520	19.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.16%
10) 1,1-Dichloroethene-d2	4.02	63	203925	16.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.28%
20) 2-Butanone-d5	7.08	46	53838	34.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.94%
24) Chloroform-d	7.65	84	264872	20.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.84%
26) 1,2-Dichloroethane-d4	8.31	65	131040	20.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.44%
29) Benzene-d6	8.27	84	552225	22.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.12%
33) 1,2-Dichloropropane-d6	9.27	67	152203	22.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.80%
37) Toluene-d8	10.32	98	523958	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.68%
38) trans-1,3-Dichloropropene-	10.58	79	61483	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.44%
39) 2-Hexanone-d5	10.93	63	43385	36.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112491	19.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	176021	22.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.36%

Target Compounds

					Ovalue
5) Vinyl chloride	2.36	62	2092	0.282 ug/L #	1
12) 1,1-Dichloroethene	4.04	96	21686	3.151 ug/L #	1
13) Acetone	4.12	43	9185	8.783 ug/L	73
14) Carbon disulfide	4.38	76	11458	0.612 ug/L	99
16) Methylene chloride	4.92	84	7642	1.022 ug/L	93
22) cis-1,2-Dichloroethene	7.17	96	38526	5.115 ug/L	98
34) Benzene	8.32	78	221532	8.764 ug/L	100
35) Trichloroethene	9.09	95	674104	95.201 ug/L	100
44) Toluene	10.38	91	9849	0.354 ug/L	98
47) Tetrachloroethene	10.87	164	7248248	1134.562 ug/L	94

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

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