

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017068.D
 Acq On : 03 Nov 2020 18:41
 Operator : SY/VA
 Sample : L4615-06
 Misc : 4.76G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG478

Quant Time: Nov 04 06:05:55 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	453082	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	387646	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150284	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	120290	23.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.04%
7) Chloroethane-d5	2.89	69	101997	25.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.68%
10) 1,1-Dichloroethene-d2	4.03	63	172866	17.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.00%
20) 2-Butanone-d5	7.08	46	53804	54.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.24%
24) Chloroform-d	7.65	84	255650	24.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.84%
26) 1,2-Dichloroethane-d4	8.31	65	124255	25.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.04%
29) Benzene-d6	8.28	84	519810	26.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.40%
33) 1,2-Dichloropropane-d6	9.27	67	146989	27.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.40%
37) Toluene-d8	10.33	98	474093	25.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.16%
38) trans-1,3-Dichloropropene-	10.58	79	51434	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.20%
39) 2-Hexanone-d5	10.93	63	42684	56.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108190	26.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	136427	25.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.32%

Target Compounds

					Ovalue
5) Vinyl chloride	2.36	62	7116	1.089 ug/L #	46
13) Acetone	4.13	43	6305	9.512 ug/L	97
14) Carbon disulfide	4.40	76	10968	0.610 ug/L	99
16) Methylene chloride	4.92	84	12916	2.156 ug/L	91
43) 4-Methyl-2-pentanone	10.21	43	2342	1.033 ug/L #	74
47) Tetrachloroethene	10.87	164	6122	1.122 ug/L	89

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

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