

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017537.D
 Acq On : 03 Dec 2020 16:46
 Operator : SY/VA
 Sample : L4920-12
 Misc : 5.50G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4F8

Quant Time: Dec 20 01:33:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	489324	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	419030	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	199899	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	104660	16.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.04%
7) Chloroethane-d5	2.89	69	90579	16.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.72%
10) 1,1-Dichloroethene-d2	4.03	63	184951	12.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.64%
20) 2-Butanone-d5	7.08	46	58580	43.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.30%
24) Chloroform-d	7.65	84	273901	19.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	8.31	65	140576	20.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.44%
29) Benzene-d6	8.28	84	518424	20.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.48%
33) 1,2-Dichloropropane-d6	9.27	67	153526	21.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.12%
37) Toluene-d8	10.32	98	475367	20.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.04%
38) trans-1,3-Dichloropropene-	10.58	79	62317	19.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.24%
39) 2-Hexanone-d5	10.93	63	39317	44.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110292	21.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	156626	21.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.64%

Target Compounds

					Ovalue
13) Acetone	4.12	43	4984	3.816 ug/L	62
14) Carbon disulfide	4.40	76	7170	0.369 ug/L #	91
16) Methylene chloride	4.93	84	28100	3.825 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	3741	0.514 ug/L	84
34) Benzene	8.32	78	20721	0.823 ug/L	100
35) Trichloroethene	9.09	95	653040	93.531 ug/L	97
47) Tetrachloroethene	10.87	164	9979758	1677.571 ug/L	91
53) Ethylbenzene	11.73	91	11077	0.360 ug/L	97
54) m,p-Xylene	11.84	106	4341	0.370 ug/L	98

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

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