

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017911.D
 Acq On : 15 Jan 2021 20:30
 Operator : SY/VA
 Sample : M1099-21
 Misc : 5.50G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C17

Quant Time: Jan 18 04:17:40 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 02:07:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	302567	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	209552	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	57114	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	107332	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.72%
7) Chloroethane-d5	2.89	69	98765	25.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.24%
10) 1,1-Dichloroethene-d2	4.02	63	135835	16.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.60%
20) 2-Butanone-d5	7.09	46	65815	86.74	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	173.48%#
24) Chloroform-d	7.65	84	193917	24.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.12%
26) 1,2-Dichloroethane-d4	8.31	65	124046	30.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.24%
29) Benzene-d6	8.27	84	364830	30.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.64%
33) 1,2-Dichloropropane-d6	9.27	67	112832	34.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.72%#
37) Toluene-d8	10.32	98	278926	24.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.40%
38) trans-1,3-Dichloropropene-	10.58	79	35470	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.84%
39) 2-Hexanone-d5	10.93	63	45775	112.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	224.06%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88517	36.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	146.60%#
61) 1,2-Dichlorobenzene-d4	13.85	152	46080	23.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.68%

Target Compounds

					Ovalue
13) Acetone	4.14	43	73952	112.868	ug/L 91
14) Carbon disulfide	4.38	76	18635	1.674	ug/L # 93
16) Methylene chloride	4.92	84	10424	2.409	ug/L 95
21) 2-Butanone	7.18	43	25548	28.988	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	2098	0.496	ug/L 95
34) Benzene	8.32	78	22466	1.875	ug/L 100
35) Trichloroethene	9.09	95	7016	2.116	ug/L # 88
36) Methylcyclohexane	9.33	83	7502	1.294	ug/L # 68
44) Toluene	10.39	91	17146	1.255	ug/L 94
47) Tetrachloroethene	10.87	164	18855	7.272	ug/L 91
52) Chlorobenzene	11.66	112	535656	62.804	ug/L 96
53) Ethylbenzene	11.73	91	6485	0.418	ug/L 90
54) m,p-Xylene	11.84	106	9742	1.606	ug/L 89
55) o-xylene	12.17	106	3782	0.663	ug/L 83
57) Isopropylbenzene	12.46	105	111666	7.072	ug/L 98
63) 1,3-Dichlorobenzene	13.50	146	53187	15.088	ug/L 90
64) 1,4-Dichlorobenzene	13.58	146	136518	38.537	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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