

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017901.D
 Acq On : 15 Jan 2021 16:35
 Operator : SY/VA
 Sample : M1099-13
 Misc : 6.50G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C09

Quant Time: Jan 18 03:07:02 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	289571	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	251948	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	99743	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	115270	25.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.92%
7) Chloroethane-d5	2.89	69	97882	26.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.88%
10) 1,1-Dichloroethene-d2	4.02	63	147717	18.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.68%
20) 2-Butanone-d5	7.08	46	50906	70.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.20%#
24) Chloroform-d	7.65	84	203551	26.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	8.31	65	119681	30.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.24%
29) Benzene-d6	8.27	84	390584	27.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.08%
33) 1,2-Dichloropropane-d6	9.27	67	116937	29.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.56%
37) Toluene-d8	10.32	98	348994	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.40%
38) trans-1,3-Dichloropropene-	10.58	79	44814	25.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.80%
39) 2-Hexanone-d5	10.93	63	35316	71.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.78%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89906	30.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.84%#
61) 1,2-Dichlorobenzene-d4	13.85	152	91837	26.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.76%

Target Compounds

					Ovalue
13) Acetone	4.12	43	30514	48.662	ug/L 64
14) Carbon disulfide	4.39	76	16185	1.519	ug/L 100
16) Methylene chloride	4.92	84	13704	3.309	ug/L 97
21) 2-Butanone	7.18	43	8336	9.883	ug/L # 64
52) Chlorobenzene	11.66	112	15818	1.543	ug/L # 85
55) o-xylene	12.16	106	1774	0.259	ug/L 73
57) Isopropylbenzene	12.46	105	11260	0.593	ug/L # 96
63) 1,3-Dichlorobenzene	13.50	146	10260	1.667	ug/L 96
64) 1,4-Dichlorobenzene	13.58	146	5638	0.911	ug/L 93

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

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