

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011221\
 Data File : VW017838.D
 Acq On : 12 Jan 2021 16:16
 Operator : SY/VA
 Sample : M1099-01
 Misc : 2.60G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 14 23:30:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 23:24:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	193641	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	167135	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	55385	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	486117	162.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	648.96%#
7) Chloroethane-d5	2.89	69	61589	24.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.64%
10) 1,1-Dichloroethene-d2	4.02	63	100597	19.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.08%
20) 2-Butanone-d5	7.08	46	50017	103.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	206.00%#
24) Chloroform-d	7.65	84	129985	25.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.76%
26) 1,2-Dichloroethane-d4	8.31	65	87550	33.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	133.72%#
29) Benzene-d6	8.27	84	253860	26.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.84%
33) 1,2-Dichloropropane-d6	9.27	67	76383	29.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.72%
37) Toluene-d8	10.32	98	224700	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.40%
38) trans-1,3-Dichloropropene-	10.58	79	33859	29.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	117.08%
39) 2-Hexanone-d5	10.92	63	32869	100.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	201.72%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	70119	36.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	145.60%#
61) 1,2-Dichlorobenzene-d4	13.85	152	47818	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.35	62	28541539m	8877.942	ug/L	
13) Acetone	4.12	43	21290	50.771	ug/L	99
14) Carbon disulfide	4.38	76	10670	1.497	ug/L #	95
16) Methylene chloride	4.92	84	20733	7.487	ug/L	94
18) trans-1,2-Dichloroethene	5.43	96	10639	4.133	ug/L	98
21) 2-Butanone	7.18	43	7281m	12.909	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	14073	5.203	ug/L	95
34) Benzene	8.32	78	7964	0.833	ug/L	100
35) Trichloroethene	9.09	95	988	0.374	ug/L #	27
44) Toluene	10.39	91	9347	0.858	ug/L	100
47) Tetrachloroethene	10.87	164	831	0.402	ug/L #	81
52) Chlorobenzene	11.66	112	3648	0.536	ug/L	95
53) Ethylbenzene	11.73	91	3911	0.316	ug/L	98
54) m,p-Xylene	11.84	106	3893	0.805	ug/L	82
55) o-xylene	12.16	106	2068	0.455	ug/L	79
57) Isopropylbenzene	12.46	105	3975	0.316	ug/L #	75
63) 1,3-Dichlorobenzene	13.49	146	4012	1.174	ug/L	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 1,4-Dichlorobenzene	13.57	146	1385	0.403	ug/L #	65

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

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