

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011221\
 Data File : VW017840.D
 Acq On : 12 Jan 2021 17:03
 Operator : SY/VA
 Sample : M1099-03
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C03

Quant Time: Jan 13 04:56:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 21:58:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	260716	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	228207	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	95572	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	96164	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.36%
7) Chloroethane-d5	2.89	69	77569	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
10) 1,1-Dichloroethene-d2	4.01	63	131510	18.71	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.84%
20) 2-Butanone-d5	7.08	46	32557	49.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.60%
24) Chloroform-d	7.65	84	159210	23.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.48%
26) 1,2-Dichloroethane-d4	8.31	65	84944	24.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.36%
29) Benzene-d6	8.27	84	316018	24.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.32%
33) 1,2-Dichloropropane-d6	9.27	67	88552	24.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.96%
37) Toluene-d8	10.32	98	291789	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.52%
38) trans-1,3-Dichloropropene-	10.58	79	33807	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.60%
39) 2-Hexanone-d5	10.93	63	23439	52.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	60736	23.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	77017	23.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.36	62	16389	3.786	ug/L	83
13) Acetone	4.12	43	8307	14.714	ug/L	86
14) Carbon disulfide	4.38	76	18736	1.953	ug/L	97
16) Methylene chloride	4.92	84	33800	9.066	ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	142773	39.204	ug/L	98
35) Trichloroethene	9.09	95	66212	18.333	ug/L	97
47) Tetrachloroethene	10.86	164	61894	21.919	ug/L	92
63) 1,3-Dichlorobenzene	13.49	146	5201	0.882	ug/L	92
64) 1,4-Dichlorobenzene	13.58	146	4322	0.729	ug/L #	81

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

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