

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122420\
 Data File : VW017748.D
 Acq On : 24 Dec 2020 20:20
 Operator : SY/VA
 Sample : L5173-12
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4R8

Manual Integrations
 APPROVED

MMDadoda
 12/26/2020 1:37:51 PM

Quant Time: Dec 25 08:23:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 07:46:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	337001	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	275224	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	92111	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	131830	25.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.12%
7) Chloroethane-d5	2.89	69	112711	26.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.76%
10) 1,1-Dichloroethene-d2	4.03	63	171574	18.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.56%
20) 2-Butanone-d5	7.07	46	52418	62.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.04%
24) Chloroform-d	7.65	84	226594	25.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.92%
26) 1,2-Dichloroethane-d4	8.31	65	128295	28.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.60%
29) Benzene-d6	8.27	84	444824	28.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.76%
33) 1,2-Dichloropropane-d6	9.27	67	128098	29.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.92%
37) Toluene-d8	10.32	98	406341	27.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.16%
38) trans-1,3-Dichloropropene-	10.58	79	50823	26.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.72%
39) 2-Hexanone-d5	10.93	63	35604	66.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92485	29.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	87350	27.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.92%

Target Compounds

					Ovalue
13) Acetone	4.12	43	15300	20.965	ug/L 100
14) Carbon disulfide	4.39	76	29744	2.398	ug/L # 93
16) Methylene chloride	4.92	84	10133	2.103	ug/L 85
17) Methyl tert-butyl Ether	5.42	73	2543m	0.483	ug/L
21) 2-Butanone	7.18	43	3804	3.875	ug/L 79
35) Trichloroethene	9.09	95	3056	0.702	ug/L 94
47) Tetrachloroethene	10.86	164	33845	9.938	ug/L 96

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

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