

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017549.D
 Acq On : 04 Dec 2020 12:33
 Operator : SY/VA
 Sample : L4920-16
 Misc : 4.60G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4G2

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 1:36:11 PM

Quant Time: Dec 20 03:13:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 01:44:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	371147	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298928	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	105352	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	88636	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.60%
7) Chloroethane-d5	2.89	69	80111	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.80%
10) 1,1-Dichloroethene-d2	4.02	63	155888	14.34	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.36%
20) 2-Butanone-d5	7.08	46	52748	51.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.46%
24) Chloroform-d	7.65	84	239685	22.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.92%
26) 1,2-Dichloroethane-d4	8.30	65	128007	24.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.96%
29) Benzene-d6	8.27	84	448335	24.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.56%
33) 1,2-Dichloropropane-d6	9.27	67	134099	26.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.44%
37) Toluene-d8	10.32	98	380911	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.00%
38) trans-1,3-Dichloropropene-	10.58	79	52346	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.12%
39) 2-Hexanone-d5	10.93	63	33654	53.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96753	26.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	87837	22.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.08%

Target Compounds

					Ovalue
13) Acetone	4.13	43	12066	12.179 ug/L	89
14) Carbon disulfide	4.39	76	13358	0.907 ug/L #	95
16) Methylene chloride	4.92	84	25720	4.616 ug/L	95
17) Methyl tert-butyl Ether	5.42	73	6258m	1.131 ug/L	
47) Tetrachloroethene	10.87	164	5697	1.342 ug/L	90

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

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