

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102320\
 Data File : VW016981.D
 Acq On : 23 Oct 2020 14:30
 Operator : SY/VA
 Sample : L4502-02
 Misc : 5.59G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG436

Quant Time: Oct 25 17:01:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	545359	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	480656	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196999	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	154894	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.44%
7) Chloroethane-d5	2.89	69	118321	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.04%
10) 1,1-Dichloroethene-d2	4.02	63	224903	18.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.48%
20) 2-Butanone-d5	7.09	46	56330	47.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.02%
24) Chloroform-d	7.65	84	291601	23.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.72%
26) 1,2-Dichloroethane-d4	8.31	65	142428	24.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.24%
29) Benzene-d6	8.27	84	606201	24.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.20%
33) 1,2-Dichloropropane-d6	9.27	67	166288	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.80%
37) Toluene-d8	10.33	98	566370	24.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.44%
38) trans-1,3-Dichloropropene-	10.58	79	64939	22.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.84%
39) 2-Hexanone-d5	10.93	63	46678	49.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119345	23.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	168560	24.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.36%

Target Compounds

					Ovalue
5) Vinyl chloride	2.36	62	1783	0.227 ug/L #	1
12) 1,1-Dichloroethene	4.04	96	16081	2.253 ug/L #	1
13) Acetone	4.14	43	6379	7.996 ug/L	45
16) Methylene chloride	4.92	84	5093	0.706 ug/L	92
19) 1,1-Dichloroethane	6.21	63	4746	0.415 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	32166	4.261 ug/L	96
34) Benzene	8.32	78	48936	1.843 ug/L	100
35) Trichloroethene	9.10	95	56185	7.640 ug/L	100
47) Tetrachloroethene	10.87	164	1971207	291.396 ug/L	96

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

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