

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102920\
 Data File : VW017022.D
 Acq On : 29 Oct 2020 11:54
 Operator : SY/VA
 Sample : L4502-18
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG441

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 11:31:02 AM

Quant Time: Nov 01 15:39:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 01:03:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	617533	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	511854	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	202772	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	139016	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
7) Chloroethane-d5	2.89	69	110468	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.00%
10) 1,1-Dichloroethene-d2	4.02	63	202832	14.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.52%
20) 2-Butanone-d5	7.08	46	48881	36.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.82%
24) Chloroform-d	7.65	84	275850	19.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.48%
26) 1,2-Dichloroethane-d4	8.31	65	128880	19.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.92%
29) Benzene-d6	8.27	84	578513	22.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.00%
33) 1,2-Dichloropropane-d6	9.27	67	156977	22.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.48%
37) Toluene-d8	10.33	98	538168	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.96%
38) trans-1,3-Dichloropropene-	10.58	79	60005	19.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.68%
39) 2-Hexanone-d5	10.93	63	39289	39.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100633	18.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	150218	21.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.32%

Target Compounds

					Ovalue
13) Acetone	4.14	43	5758	6.374 ug/L	96
14) Carbon disulfide	4.39	76	10498	0.428 ug/L	99
16) Methylene chloride	4.92	84	7670	0.939 ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	5642	0.660 ug/L	92
34) Benzene	8.32	78	33236	1.175 ug/L	100
35) Trichloroethene	9.09	95	812350	103.731 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	2681	0.896 ug/L	98
47) Tetrachloroethene	10.88	164	19769709m	2744.357 ug/L	
64) 1,4-Dichlorobenzene	13.58	146	3535	0.271 ug/L	90
65) 1,2-Dichlorobenzene	13.87	146	3653	0.317 ug/L #	83

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

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