

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102820\
 Data File : VW017009.D
 Acq On : 28 Oct 2020 13:22
 Operator : SY/VA
 Sample : L4502-19
 Misc : 5.94G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG442

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 1:33:27 PM

Quant Time: Oct 29 08:32:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 08:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	442428	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	357269	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	117590	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	131767	25.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.24%
7) Chloroethane-d5	2.89	69	103836	26.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.96%
10) 1,1-Dichloroethene-d2	4.03	63	192551	19.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.56%
20) 2-Butanone-d5	7.08	46	54257	56.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.82%
24) Chloroform-d	7.65	84	265766	26.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.16%
26) 1,2-Dichloroethane-d4	8.31	65	128325	26.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.88%
29) Benzene-d6	8.27	84	549160	29.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.68%
33) 1,2-Dichloropropane-d6	9.28	67	151305	30.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.16%#
37) Toluene-d8	10.33	98	497029	28.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.08%
38) trans-1,3-Dichloropropene-	10.58	79	60033	28.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.20%
39) 2-Hexanone-d5	10.93	63	42512	61.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103333	27.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	113085	27.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	11348m	1.959	ug/L	
13) Acetone	4.13	43	9341	14.432	ug/L	98
14) Carbon disulfide	4.39	76	25087m	1.429	ug/L	
16) Methylene chloride	4.92	84	9900	1.692	ug/L	91
22) cis-1,2-Dichloroethene	7.17	96	9089	1.484	ug/L	94
34) Benzene	8.33	78	59311	3.005	ug/L	100
35) Trichloroethene	9.09	95	1287617	235.561	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	2594	1.242	ug/L #	94
47) Tetrachloroethene	10.87	164	22280237m	4431.093	ug/L	
54) m,p-Xylene	11.84	106	2694	0.285	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	4538	0.600	ug/L	84
65) 1,2-Dichlorobenzene	13.87	146	5217	0.779	ug/L	89

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

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