

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102620\
 Data File : VW016992.D
 Acq On : 26 Oct 2020 12:37
 Operator : SY/VA
 Sample : L4502-11
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG438

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 3:34:45 PM

Quant Time: Oct 27 08:40:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 08:16:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	415844	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337017	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118905	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118591	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.84%
7) Chloroethane-d5	2.89	69	93127	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.16%
10) 1,1-Dichloroethene-d2	4.03	63	165493	17.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.92%
20) 2-Butanone-d5	7.08	46	57868	64.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.02%
24) Chloroform-d	7.65	84	240198	25.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.16%
26) 1,2-Dichloroethane-d4	8.31	65	124379	27.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.20%
29) Benzene-d6	8.28	84	488866	28.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.96%
33) 1,2-Dichloropropane-d6	9.28	67	140145	29.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.96%
37) Toluene-d8	10.33	98	438086	26.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.52%
38) trans-1,3-Dichloropropene-	10.58	79	54732	27.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.40%
39) 2-Hexanone-d5	10.93	63	47463	72.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.68%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110187	30.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.80%#
61) 1,2-Dichlorobenzene-d4	13.85	152	107359	25.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.76%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.36	62	2760	0.460	ug/L #	1
13) Acetone	4.13	43	5080	8.351	ug/L	74
14) Carbon disulfide	4.38	76	10794m	0.654	ug/L	
16) Methylene chloride	4.93	84	5153	0.937	ug/L	90
43) 4-Methyl-2-pentanone	10.21	43	2697	1.368	ug/L #	94

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

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