

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017311.D
 Acq On : 18 Nov 2020 01:53
 Operator : SY/VA
 Sample : L4738-17
 Misc : 3.42G/10ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Y4

Quant Time: Nov 18 05:54:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 04:50:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	349879	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	232401	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	41713	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	84884	19.26	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.04%
7) Chloroethane-d5	2.89	69	78899	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.92%
10) 1,1-Dichloroethene-d2	4.02	63	118691	15.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.24%
20) 2-Butanone-d5	7.08	46	57677	58.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.04%
24) Chloroform-d	7.65	84	197663	24.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	8.31	65	117526	28.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.76%
29) Benzene-d6	8.27	84	374373	31.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.52%
33) 1,2-Dichloropropane-d6	9.27	67	114723	35.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	140.20%#
37) Toluene-d8	10.32	98	287263	25.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.96%
38) trans-1,3-Dichloropropene-	10.58	79	42117	28.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.16%
39) 2-Hexanone-d5	10.93	63	47206	82.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	165.26%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92448	32.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.68%#
61) 1,2-Dichlorobenzene-d4	13.85	152	36681	24.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	10312	15.627	ug/L	94
14) Carbon disulfide	4.39	76	3766	0.319	ug/L #	88
16) Methylene chloride	4.92	84	12167	2.579	ug/L	97
21) 2-Butanone	7.19	43	2184	2.061	ug/L	88
30) Cyclohexane	7.96	56	2426	0.554	ug/L #	61
34) Benzene	8.32	78	11786	0.966	ug/L	100
36) Methylcyclohexane	9.34	83	4977	0.905	ug/L	95
44) Toluene	10.39	91	29109	2.167	ug/L	96
53) Ethylbenzene	11.73	91	6802	0.453	ug/L	99
54) m,p-Xylene	11.83	106	3249	0.554	ug/L	74
55) o-xylene	12.17	106	1545	0.277	ug/L	95

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

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