

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017167.D
 Acq On : 11 Nov 2020 16:35
 Operator : SY/VA
 Sample : L4693-20
 Misc : 5.99G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4E6

Quant Time: Nov 12 05:53:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	491406	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	436264	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	203935	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	135022	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.24%
7) Chloroethane-d5	2.90	69	114232	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.80%
10) 1,1-Dichloroethene-d2	4.03	63	184970	16.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.84%
20) 2-Butanone-d5	7.09	46	46014	33.24	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.48%
24) Chloroform-d	7.65	84	265435	23.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	8.31	65	127823	22.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.64%
29) Benzene-d6	8.28	84	532528	23.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.88%
33) 1,2-Dichloropropane-d6	9.27	67	144801	23.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.24%
37) Toluene-d8	10.33	98	510848	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.56%
38) trans-1,3-Dichloropropene-	10.58	79	56811	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.04%
39) 2-Hexanone-d5	10.93	63	38041	35.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106766	19.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	174162	24.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.96%

Target Compounds

					Ovalue
13) Acetone	4.14	43	6847	7.388	ug/L 68
14) Carbon disulfide	4.39	76	29846	1.798	ug/L 97
16) Methylene chloride	4.93	84	6498	0.981	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	15653	2.102	ug/L # 86
22) cis-1,2-Dichloroethene	7.17	96	4819	0.722	ug/L 92
34) Benzene	8.32	78	25171	1.099	ug/L 100
35) Trichloroethene	9.10	95	159498	24.855	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	4076	1.234	ug/L 98
47) Tetrachloroethene	10.87	164	1695681	292.877	ug/L 96

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

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