

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017180.D
 Acq On : 12 Nov 2020 13:23
 Operator : SY/VA
 Sample : L4693-19
 Misc : 6.20G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4E5

Quant Time: Nov 13 04:44:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	491916	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	419143	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169641	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125140	20.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.80%
7) Chloroethane-d5	2.90	69	104514	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.56%
10) 1,1-Dichloroethene-d2	4.02	63	183825	16.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.36%
20) 2-Butanone-d5	7.09	46	32800	23.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.34%
24) Chloroform-d	7.65	84	238475	20.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.08%
26) 1,2-Dichloroethane-d4	8.31	65	107396	18.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.24%
29) Benzene-d6	8.27	84	478927	22.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.76%
33) 1,2-Dichloropropane-d6	9.28	67	126181	21.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.48%
37) Toluene-d8	10.33	98	454736	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.36%
38) trans-1,3-Dichloropropene-	10.58	79	45242	17.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.00%
39) 2-Hexanone-d5	10.93	63	26665	25.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	77590	15.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	60.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	124901	20.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.60%

Target Compounds

					Ovalue
5) Vinyl chloride	2.37	62	5658	0.861 ug/L #	42
12) 1,1-Dichloroethene	4.05	96	29469	4.827 ug/L #	34
13) Acetone	4.13	43	6736	7.261 ug/L	98
14) Carbon disulfide	4.39	76	13608	0.819 ug/L	99
16) Methylene chloride	4.92	84	10015	1.510 ug/L	94
17) Methyl tert-butyl Ether	5.43	73	8539	1.145 ug/L #	87
18) trans-1,2-Dichloroethene	5.44	96	2053	0.325 ug/L	76
22) cis-1,2-Dichloroethene	7.18	96	45401	6.794 ug/L	98
34) Benzene	8.33	78	596210	27.089 ug/L	100
35) Trichloroethene	9.10	95	1490787	241.804 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	2616	0.824 ug/L	94
47) Tetrachloroethene	10.87	164	1335525	240.094 ug/L	99

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

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