

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017541.D
 Acq On : 03 Dec 2020 18:19
 Operator : SY/VA
 Sample : L4920-13
 Misc : 5.86G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4F9

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 1:35:41 PM

Quant Time: Dec 20 01:38:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	299966	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	240990	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84478	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	74404	18.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.44%
7) Chloroethane-d5	2.89	69	65770	19.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.00%
10) 1,1-Dichloroethene-d2	4.02	63	134405	15.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.20%
20) 2-Butanone-d5	7.08	46	50220	60.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.70%
24) Chloroform-d	7.65	84	193998	22.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	8.31	65	105526	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.96%
29) Benzene-d6	8.27	84	368819	24.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.56%
33) 1,2-Dichloropropane-d6	9.27	67	109385	26.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.72%
37) Toluene-d8	10.33	98	317852	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.20%
38) trans-1,3-Dichloropropene-	10.58	79	42862	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.56%
39) 2-Hexanone-d5	10.93	63	32446	63.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80299	27.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	75868	24.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.04%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	4.04	96	8823	2.121 ug/L #	1
13) Acetone	4.13	43	6694	8.360 ug/L	88
14) Carbon disulfide	4.40	76	6213	0.522 ug/L #	94
16) Methylene chloride	4.92	84	19274	4.280 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	9004	2.018 ug/L	95
34) Benzene	8.32	78	77153	5.327 ug/L	100
35) Trichloroethene	9.09	95	1152490	287.012 ug/L	97
44) Toluene	10.39	91	8896	0.571 ug/L	91
47) Tetrachloroethene	10.87	164	25011156m	7310.394 ug/L	
53) Ethylbenzene	11.73	91	64883	3.671 ug/L	97
54) m,p-Xylene	11.84	106	15543	2.305 ug/L	95
55) o-xylene	12.16	106	9315	1.483 ug/L	91

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

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