

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017104.D
 Acq On : 06 Nov 2020 16:37
 Operator : SY/VA
 Sample : L4659-05
 Misc : 5.91G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4A7

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 11:54:57 AM

Quant Time: Nov 07 05:56:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 04:26:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	519390	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	392935	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	135660	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	159810	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.72%
7) Chloroethane-d5	2.89	69	126307	25.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.20%
10) 1,1-Dichloroethene-d2	4.02	63	235329	20.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.44%
20) 2-Butanone-d5	7.09	46	50599	34.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.18%
24) Chloroform-d	7.65	84	288025	23.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	8.31	65	138368	22.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.80%
29) Benzene-d6	8.28	84	591834	29.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.32%
33) 1,2-Dichloropropane-d6	9.28	67	153377	27.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.84%
37) Toluene-d8	10.33	98	526100	27.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.52%
38) trans-1,3-Dichloropropene-	10.59	79	59432	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.28%
39) 2-Hexanone-d5	10.93	63	32725	33.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98860	20.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	127663	26.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.84%

Target Compounds

					Ovalue
5) Vinyl chloride	2.37	62	5794	0.835 ug/L #	20
12) 1,1-Dichloroethene	4.04	96	50829	7.885 ug/L #	30
13) Acetone	4.14	43	9279	9.473 ug/L	96
14) Carbon disulfide	4.39	76	14684	0.837 ug/L #	95
16) Methylene chloride	4.92	84	26634	3.804 ug/L	96
22) cis-1,2-Dichloroethene	7.18	96	37222	5.276 ug/L	99
34) Benzene	8.33	78	582708	28.242 ug/L	100
35) Trichloroethene	9.10	95	3685675	637.685 ug/L	99
44) Toluene	10.40	91	13087	0.576 ug/L	99
47) Tetrachloroethene	10.87	164	24530726m	4704.147 ug/L	
54) m,p-Xylene	11.84	106	2745	0.277 ug/L	91

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

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