

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016616.D
 Acq On : 22 Sep 2020 17:29
 Operator : SY/VA
 Sample : L4109-06
 Misc : 6.05G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3X5

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 3:16:28 PM

Quant Time: Sep 23 08:55:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 07:21:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	668070	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	599895	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	280730	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	161514	24.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.92%
7) Chloroethane-d5	2.90	69	139947	26.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.04%
10) 1,1-Dichloroethene-d2	4.03	63	263714	18.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.96%
20) 2-Butanone-d5	7.08	46	74589	42.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.62%
24) Chloroform-d	7.65	84	363130	25.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.92%
26) 1,2-Dichloroethane-d4	8.31	65	183035	25.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.04%
29) Benzene-d6	8.28	84	707207	26.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.16%
33) 1,2-Dichloropropane-d6	9.28	67	193993	26.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.44%
37) Toluene-d8	10.33	98	691811	26.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.56%
38) trans-1,3-Dichloropropene-	10.58	79	84116	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.56%
39) 2-Hexanone-d5	10.93	63	59194	44.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	140402	22.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	250500	27.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.06	96	13177	1.557	ug/L #	1
13) Acetone	4.12	43	13300m	9.630	ug/L	
16) Methylene chloride	4.93	84	60182	5.841	ug/L	98
19) 1,1-Dichloroethane	6.22	63	4196	0.303	ug/L	97
22) cis-1,2-Dichloroethene	7.18	96	99509	10.944	ug/L	99
30) Cyclohexane	7.96	56	9123	0.696	ug/L #	91
31) 1,1,1-Trichloroethane	7.88	97	283500	20.235	ug/L	100
44) Toluene	10.39	91	2418887	66.902	ug/L	98
53) Ethylbenzene	11.73	91	70965	1.729	ug/L	96
54) m,p-Xylene	11.84	106	176377	10.973	ug/L	94
55) o-xylene	12.17	106	61125	3.969	ug/L	96
57) Isopropylbenzene	12.47	105	34597	0.822	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	5456	0.299	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	12787	0.715	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	11908	0.730	ug/L	89
68) 1,2,4-trichlorobenzene	15.13	180	27199	2.518	ug/L	96
70) 1,2,3-Trichlorobenzene	15.55	180	27455	2.955	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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