

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016321.D
 Acq On : 24 Aug 2020 10:37
 Operator : SY/VA
 Sample : VSTD2.502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.502

Manual Integrations
 APPROVED

MMDadoda
 8/25/2020 12:55:12 PM

Quant Time: Aug 24 12:47:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 24 12:35:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	312065	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	289923	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	136884	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	9820	2.60	ug/L	0.00
7) Chloroethane-d5	2.89	69	6517	2.27	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	21881	2.67	ug/L	0.00
20) 2-Butanone-d5	7.10	46	4721m	4.67	ug/L	0.02
24) Chloroform-d	7.65	84	21345	2.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	10717	2.41	ug/L	0.00
29) Benzene-d6	8.28	84	42839	2.68	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	11468	2.47	ug/L	0.00
37) Toluene-d8	10.33	98	39013	2.65	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	5272	2.47	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	3421	4.34	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	9087	2.37	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	13554	2.70	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	9068m	2.891	ug/L
3) Chloromethane	2.21	50	7358	2.435	ug/L
5) Vinyl chloride	2.36	62	9856	2.457	ug/L
6) Bromomethane	2.78	94	6136	2.416	ug/L
8) Chloroethane	2.92	64	5015	2.213	ug/L
9) Trichlorofluoromethane	3.26	101	9929	3.162	ug/L
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	10736	2.542	ug/L #
12) 1,1-Dichloroethene	4.04	96	10914	2.723	ug/L
13) Acetone	4.14	43	4229	5.432	ug/L
14) Carbon disulfide	4.39	76	32546	2.637	ug/L
15) Methyl Acetate	4.68	43	3680m	2.064	ug/L
16) Methylene chloride	4.92	84	23492	4.766	ug/L
17) Methyl tert-butyl Ether	5.43	73	14779	2.575	ug/L #
18) trans-1,2-Dichloroethene	5.42	96	11192	2.668	ug/L
19) 1,1-Dichloroethane	6.23	63	18700	2.542	ug/L
21) 2-Butanone	7.18	43	6241	5.148	ug/L
22) cis-1,2-Dichloroethene	7.17	96	11400	2.563	ug/L
23) Bromochloromethane	7.52	128	5404	2.637	ug/L #
25) Chloroform	7.68	83	19701	2.505	ug/L
27) 1,2-Dichloroethane	8.40	62	12217	2.359	ug/L
30) Cyclohexane	7.96	56	15220	2.441	ug/L
31) 1,1,1-Trichloroethane	7.87	97	17982	2.689	ug/L
32) Carbon tetrachloride	8.07	117	16966	2.684	ug/L
34) Benzene	8.32	78	42764	2.576	ug/L
35) Trichloroethene	9.10	95	12149	2.694	ug/L
36) Methylcyclohexane	9.34	83	19332	2.614	ug/L
40) 1,2-Dichloropropane	9.37	63	10067	2.495	ug/L
41) Bromodichloromethane	9.65	83	13652	2.429	ug/L
42) cis-1,3-Dichloropropene	10.08	75	15096	2.412	ug/L
43) 4-Methyl-2-pentanone	10.21	43	11909	4.890	ug/L

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016321.D
 Acq On : 24 Aug 2020 10:37
 Operator : SY/VA
 Sample : VSTD2.502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.502

Manual Integrations
 APPROVED

MMDadoda
 8/25/2020 12:55:12 PM

Quant Time: Aug 24 12:47:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 24 12:35:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	45029	2.558	ug/L	94
45) trans-1,3-Dichloropropene	10.61	75	12830	2.281	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	8011	2.476	ug/L	96
47) Tetrachloroethene	10.87	164	10015	2.928	ug/L	94
49) 2-Hexanone	10.98	43	6578	4.036	ug/L	95
50) Dibromochloromethane	11.13	129	9701	2.512	ug/L	94
51) 1,2-Dibromoethane	11.24	107	7859	2.550	ug/L	99
52) Chlorobenzene	11.66	112	31057	2.649	ug/L	96
53) Ethylbenzene	11.73	91	51818	2.589	ug/L	99
54) m,p-Xylene	11.84	106	20282	2.679	ug/L	98
55) o-xylene	12.16	106	18635	2.624	ug/L	94
56) Styrene	12.18	104	29248	2.384	ug/L	96
57) Isopropylbenzene	12.47	105	51335	2.664	ug/L	97
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	9260	2.451	ug/L	90
59) 1,2,3-Trichloropropane	12.77	75	6847	2.402	ug/L	99
62) Bromoform	12.35	173	5318	2.528	ug/L #	98
63) 1,3-Dichlorobenzene	13.51	146	23701	2.726	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	24286	2.725	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	21108	2.655	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	1575	2.272	ug/L #	85
67) 1,3,5-Trichlorobenzene	14.63	180	16251	2.881	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	11753	2.559	ug/L	96
69) Naphthalene	15.36	128	19377	2.023	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	10764	2.615	ug/L	96

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

