

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110420\
 Data File : VW017074.D
 Acq On : 04 Nov 2020 14:07
 Operator : SY/VA
 Sample : VSTD2.504
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.504

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:37:06 AM

Quant Time: Nov 04 16:03:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 15:48:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	542969	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	499229	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	242787	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	15429	2.30	ug/L	0.00
7) Chloroethane-d5	2.89	69	11857	2.29	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	28823	2.28	ug/L	0.00
20) 2-Butanone-d5	7.09	46	6963	5.32	ug/L	0.00
24) Chloroform-d	7.65	84	29755	2.28	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	14807	2.37	ug/L	0.00
29) Benzene-d6	8.27	84	58975	2.20	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	15960	2.19	ug/L	0.00
37) Toluene-d8	10.33	98	55886	2.22	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	6510	2.08	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	4753	4.42	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	13919	2.44	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	20954	2.34	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	13524m	2.238	ug/L
3) Chloromethane	2.21	50	13345	2.525	ug/L
5) Vinyl chloride	2.36	62	18502	2.389	ug/L
6) Bromomethane	2.78	94	13143	2.491	ug/L
8) Chloroethane	2.93	64	11114	2.477	ug/L
9) Trichlorofluoromethane	3.26	101	14482	2.344	ug/L
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	16932	2.282	ug/L
12) 1,1-Dichloroethene	4.04	96	16664	2.353	ug/L
13) Acetone	4.14	43	5439	6.290	ug/L
14) Carbon disulfide	4.39	76	46668	2.220	ug/L
15) Methyl Acetate	4.68	43	6116	2.741	ug/L
16) Methylene chloride	4.92	84	22274	3.070	ug/L
17) Methyl tert-butyl Ether	5.43	73	20099	2.519	ug/L
18) trans-1,2-Dichloroethene	5.43	96	17311	2.346	ug/L
19) 1,1-Dichloroethane	6.21	63	27365	2.397	ug/L
21) 2-Butanone	7.18	43	8208	5.749	ug/L
22) cis-1,2-Dichloroethene	7.17	96	18360	2.432	ug/L
23) Bromochloromethane	7.52	128	8475	2.396	ug/L
25) Chloroform	7.68	83	29690	2.427	ug/L
27) 1,2-Dichloroethane	8.40	62	17716	2.501	ug/L
30) Cyclohexane	7.96	56	22242	2.163	ug/L
31) 1,1,1-Trichloroethane	7.88	97	25591	2.372	ug/L
32) Carbon tetrachloride	8.07	117	23798	2.292	ug/L
34) Benzene	8.33	78	65686	2.378	ug/L
35) Trichloroethene	9.09	95	19103	2.507	ug/L
36) Methylcyclohexane	9.34	83	28533	2.252	ug/L
40) 1,2-Dichloropropane	9.37	63	15198	2.439	ug/L
41) Bromodichloromethane	9.65	83	19733	2.320	ug/L
42) cis-1,3-Dichloropropene	10.07	75	21769	2.228	ug/L
43) 4-Methyl-2-pentanone	10.21	43	20458	6.539	ug/L

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110420\
 Data File : VW017074.D
 Acq On : 04 Nov 2020 14:07
 Operator : SY/VA
 Sample : VSTD2.504
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.504

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:37:06 AM

Quant Time: Nov 04 16:03:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 15:48:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Toluene	10.39	91	70555	2.356	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	17679	2.159	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	12997	2.557	ug/L	95
47) Tetrachloroethene	10.87	164	17460	2.501	ug/L	93
49) 2-Hexanone	10.98	43	9437	4.738	ug/L	97
50) Dibromochloromethane	11.13	129	14596	2.362	ug/L	94
51) 1,2-Dibromoethane	11.24	107	12196	2.493	ug/L #	94
52) Chlorobenzene	11.66	112	48365	2.406	ug/L	97
53) Ethylbenzene	11.73	91	79320	2.366	ug/L	98
54) m,p-Xylene	11.84	106	29538	2.241	ug/L	92
55) o-xylene	12.17	106	27991	2.264	ug/L	91
56) Styrene	12.18	104	44473	2.154	ug/L	91
57) Isopropylbenzene	12.46	105	74367	2.196	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	14425	2.580	ug/L	94
59) 1,2,3-Trichloropropane	12.77	75	10470	2.615	ug/L	98
62) Bromoform	12.35	173	8302	2.333	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	37235	2.360	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	39214	2.487	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	34223	2.428	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	2003	2.484	ug/L	84
67) 1,3,5-Trichlorobenzene	14.63	180	26474	2.287	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	19110	2.113	ug/L	99
69) Naphthalene	15.36	128	30129	1.966	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	18193	2.276	ug/L	98

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

