

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042723\
 Data File : VW030895.D
 Acq On : 27 Apr 2023 10:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050344

Quant Time: Apr 28 00:51:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 27 04:45:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	251026	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	246184	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	153340	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	91176	49.546	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.100%
7) Chloroethane-d5	1.536	69	77703	50.388	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.780%
11) 1,1-Dichloroethene-d2	2.063	65	43380	49.708	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.420%
21) 2-Butanone-d5	3.799	46	109215	108.053	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.050%
24) Chloroform-d	4.259	84	174230	52.244	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.480%
26) 1,2-Dichloroethane-d4	4.950	65	118008	55.039	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.080%
32) Benzene-d6	4.966	84	311965	53.598	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.200%
36) 1,2-Dichloropropane-d6	5.995	67	89419	49.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.920%
41) Toluene-d8	7.249	98	306127	56.017	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.040%
43) trans-1,3-Dichloroprop...	7.558	79	50117	54.997	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.000%
47) 2-Hexanone-d5	8.030	63	72493	101.782	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.780%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	137864	52.550	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.100%
66) 1,2-Dichlorobenzene-d4	11.567	152	130603	53.585	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	109082	50.542	ug/L	98
3) Chloromethane	1.217	50	110563	39.053	ug/L	99
5) Vinyl chloride	1.288	62	100983	44.242	ug/L	100
6) Bromomethane	1.494	94	47292	52.252	ug/L	100
8) Chloroethane	1.555	64	67774	43.291	ug/L	97
9) Trichlorofluoromethane	1.719	101	183171	49.514	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	96256	49.510	ug/L	98
12) 1,1-Dichloroethene	2.076	96	79758	45.376	ug/L	98
13) Acetone	2.127	43	214493	137.140	ug/L	99
14) Carbon disulfide	2.246	76	179810	36.218	ug/L	99
15) Methyl Acetate	2.381	43	93208	44.657	ug/L	99
16) Methylene chloride	2.455	84	87049	43.277	ug/L	97
17) trans-1,2-Dichloroethene	2.700	96	77566	43.713	ug/L	97
18) Methyl tert-butyl Ether	2.712	73	285707	50.268	ug/L	98
19) 1,1-Dichloroethane	3.118	63	161973	44.771	ug/L	100
20) cis-1,2-Dichloroethene	3.822	96	90736	47.007	ug/L	98
22) 2-Butanone	3.880	43	185453	114.739	ug/L	96
23) Bromochloromethane	4.156	128	50811	47.131	ug/L	94
25) Chloroform	4.285	83	182134	48.640	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042723\
 Data File : VW030895.D
 Acq On : 27 Apr 2023 10:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050344

Quant Time: Apr 28 00:51:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 27 04:45:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	158292	49.938	ug/L	100
29) Cyclohexane	4.593	56	121644	41.175	ug/L	97
30) 1,1,1-Trichloroethane	4.519	97	166627	48.169	ug/L	99
31) Carbon tetrachloride	4.744	117	150544	48.675	ug/L	99
33) Benzene	5.018	78	345898	46.269	ug/L	100
34) Trichloroethene	5.841	95	90098	46.334	ug/L	95
35) Methylcyclohexane	6.059	83	135153	44.357	ug/L	99
37) 1,2-Dichloropropane	6.101	63	89178	44.320	ug/L	98
38) Bromodichloromethane	6.439	83	133908	47.374	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	147135	48.720	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	273035	97.139	ug/L	98
42) Toluene	7.323	91	390068	48.714	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	148340	49.996	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	98412	48.775	ug/L	97
46) Tetrachloroethene	7.912	164	83133	48.842	ug/L	98
48) 2-Hexanone	8.082	43	260293	112.234	ug/L	99
49) Dibromochloromethane	8.185	129	108326	48.674	ug/L	100
50) 1,2-Dibromoethane	8.288	107	97426	46.602	ug/L	100
51) Chlorobenzene	8.818	112	259621	48.956	ug/L	98
52) Ethylbenzene	8.953	91	435610	49.140	ug/L	100
53) m,p-Xylene	9.079	106	172959	51.654	ug/L	98
54) o-Xylene	9.484	106	167623	51.172	ug/L	98
55) Styrene	9.503	104	299691	52.084	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	153895	46.456	ug/L	98
59) Bromoform	9.670	173	91115	47.460	ug/L	99
60) Isopropylbenzene	9.873	105	462428	48.355	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	122535	44.616	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	381348	48.433	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	381087	48.475	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	240260	50.181	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	246931	48.909	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	240184	49.726	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	35948	44.179	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	186241	51.494	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	162646	52.965	ug/L	99
71) Naphthalene	13.448	128	440285	52.413	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	166368	54.635	ug/L	99

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

Quant Time: Apr 28 00:51:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 27 04:45:18 2023
Response via : Initial Calibration

