

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW053123\
 Data File : VW031311.D
 Acq On : 31 May 2023 21:03
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050358

Quant Time: Jun 01 02:02:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 01 01:56:05 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

06/02/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	298983	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	285282	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	155962	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	99915	39.103	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.200%
7) Chloroethane-d5	1.532	69	91995	46.735	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.480%
11) 1,1-Dichloroethene-d2	2.063	65	48161	40.194	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.380%
21) 2-Butanone-d5	3.799	46	169285	124.336	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.340%
24) Chloroform-d	4.256	84	204888	45.326	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.660%
26) 1,2-Dichloroethane-d4	4.950	65	135814	44.463	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.920%
32) Benzene-d6	4.969	84	364774	47.166	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.340%
36) 1,2-Dichloropropane-d6	5.995	67	130755	56.506	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.020%
41) Toluene-d8	7.249	98	343641	47.608	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.220%
43) trans-1,3-Dichloroprop...	7.558	79	58943	50.771	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.540%
47) 2-Hexanone-d5	8.034	63	112149	124.303	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.300%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	191730	55.242	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.480%
66) 1,2-Dichlorobenzene-d4	11.567	152	125705	44.852	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	79175	41.019	ug/L	97
3) Chloromethane	1.217	50	90264	42.715	ug/L	99
5) Vinyl chloride	1.285	62	95817	50.765	ug/L	99
6) Bromomethane	1.491	94	58382	55.193	ug/L	97
8) Chloroethane	1.552	64	66617	54.772	ug/L	98
9) Trichlorofluoromethane	1.716	101	163485	44.037	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	94057	48.044	ug/L	92
12) 1,1-Dichloroethene	2.072	96	73744	44.403	ug/L	89
13) Acetone	2.124	43	116005	65.538	ug/L	92
14) Carbon disulfide	2.243	76	146896	48.536	ug/L	100
15) Methyl Acetate	2.378	43	131292	65.264	ug/L	94
16) Methylene chloride	2.452	84	98645	53.353	ug/L	95
17) trans-1,2-Dichloroethene	2.699	96	73677	47.982	ug/L	88
18) Methyl tert-butyl Ether	2.709	73	317551	53.534	ug/L	93
19) 1,1-Dichloroethane	3.117	63	193701	55.352	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	93341	49.310	ug/L	88
22) 2-Butanone	3.879	43	173930	102.469	ug/L	91
23) Bromochloromethane	4.156	128	49987	48.055	ug/L #	77
25) Chloroform	4.285	83	205158	52.481	ug/L	97

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27) 1,2-Dichloroethane	5.050	62	159635	48.130	ug/L	100
29) Cyclohexane	4.590	56	122177	54.425	ug/L	86
30) 1,1,1-Trichloroethane	4.519	97	169988	48.558	ug/L	97
31) Carbon tetrachloride	4.744	117	141403	46.365	ug/L	99
33) Benzene	5.018	78	366154	53.574	ug/L	100
34) Trichloroethene	5.841	95	101688	55.528	ug/L	92
35) Methylcyclohexane	6.059	83	123821	50.954	ug/L	91
37) 1,2-Dichloropropane	6.098	63	121704m	64.698	ug/L	
38) Bromodichloromethane	6.439	83	156494	53.666	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	167184	57.635	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	378501	130.758	ug/L #	97
42) Toluene	7.323	91	395004	53.419	ug/L	96
44) trans-1,3-Dichloropropene	7.587	75	165077	56.255	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	114409	55.735	ug/L	98
46) Tetrachloroethene	7.911	164	67734	43.074	ug/L	93
48) 2-Hexanone	8.082	43	287332	119.177	ug/L	97
49) Dibromochloromethane	8.182	129	116699	50.388	ug/L	94
50) 1,2-Dibromoethane	8.288	107	113202	55.468	ug/L #	98
51) Chlorobenzene	8.821	112	253525	48.171	ug/L	93
52) Ethylbenzene	8.953	91	441988	52.207	ug/L	97
53) m,p-Xylene	9.079	106	157539	47.971	ug/L	87
54) o-Xylene	9.487	106	154907	47.815	ug/L	90
55) Styrene	9.503	104	291056	50.797	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	191250	56.704	ug/L	99
59) Bromoform	9.673	173	86302	47.722	ug/L	99
60) Isopropylbenzene	9.873	105	439849	52.733	ug/L	96
61) 1,2,3-Trichloropropane	10.217	75	158068	65.881	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	358204	52.245	ug/L	92
63) 1,2,4-Trimethylbenzene	10.860	105	362138	54.020	ug/L	93
64) 1,3-Dichlorobenzene	11.124	146	209129	48.932	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	218832	49.217	ug/L	95
67) 1,2-Dichlorobenzene	11.587	146	211762	48.831	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.371	75	42607	57.850	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.590	180	146548	44.356	ug/L	97
70) 1,2,4-trichlorobenzene	13.207	180	126743	45.077	ug/L	98
71) Naphthalene	13.448	128	382811	52.415	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	136580	48.610	ug/L	97

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

