

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081721\
 Data File : VW021808.D
 Acq On : 17 Aug 2021 10:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050304

Quant Time: Aug 18 01:52:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 17 04:34:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	477770	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	442438	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	233961	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	162952	43.628	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.260%		
7) Chloroethane-d5	1.558	69	125736	44.610	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.220%		
11) 1,1-Dichloroethene-d2	2.105	63	240347	40.426	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.860%		
21) 2-Butanone-d5	3.870	46	232679	100.165	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.160%		
24) Chloroform-d	4.349	84	300656	46.461	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.920%		
26) 1,2-Dichloroethane-d4	5.031	65	177900	47.793	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.580%		
32) Benzene-d6	5.047	84	614681	48.313	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.620%		
36) 1,2-Dichloropropane-d6	6.069	67	188886	47.674	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.340%		
41) Toluene-d8	7.317	98	568808	48.370	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.740%		
43) trans-1,3-Dichloroprop...	7.622	79	87697	44.975	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.940%		
47) 2-Hexanone-d5	8.088	63	145054	111.704	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.700%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	257567	52.459	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.920%		
66) 1,2-Dichlorobenzene-d4	11.625	152	231358	47.783	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.560%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	165527	44.782	ug/L	99
3) Chloromethane	1.240	50	173579	45.219	ug/L	98
5) Vinyl chloride	1.307	62	172936	45.752	ug/L	99
6) Bromomethane	1.507	94	107402	47.274	ug/L	97
8) Chloroethane	1.574	64	103545	45.842	ug/L	99
9) Trichlorofluoromethane	1.748	101	239439	46.234	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	119494	40.300	ug/L	98
12) 1,1-Dichloroethene	2.114	96	121720	43.098	ug/L	90
13) Acetone	2.159	43	139145	72.798	ug/L #	100
14) Carbon disulfide	2.288	76	453325	47.705	ug/L	100
15) Methyl Acetate	2.423	43	182823	52.065	ug/L	98
16) Methylene chloride	2.503	84	180432	45.930	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	167380	50.506	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	521778	51.194	ug/L	100
19) 1,1-Dichloroethane	3.188	63	291989	49.496	ug/L	99
20) cis-1,2-Dichloroethene	3.909	96	183281	47.759	ug/L	98
22) 2-Butanone	3.954	43	246023	88.383	ug/L	97
23) Bromochloromethane	4.246	128	94733	46.528	ug/L	98
25) Chloroform	4.375	83	296662	46.736	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	211267	47.238	ug/L	100
29) Cyclohexane	4.677	56	261858	48.056	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	264365	47.751	ug/L	99
31) Carbon tetrachloride	4.828	117	229633	47.935	ug/L	100
33) Benzene	5.098	78	663328	48.720	ug/L	100
34) Trichloroethene	5.915	95	180044	46.017	ug/L	98
35) Methylcyclohexane	6.130	83	262504	45.988	ug/L	99
37) 1,2-Dichloropropane	6.172	63	166429	48.275	ug/L	99
38) Bromodichloromethane	6.510	83	222319	48.928	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	253326	46.405	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	480149	101.248	ug/L	99
42) Toluene	7.388	91	714101	49.108	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	234308	45.545	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	169349	49.036	ug/L	99
46) Tetrachloroethene	7.976	164	137223	47.193	ug/L	97
48) 2-Hexanone	8.137	43	363063	98.835	ug/L	98
49) Dibromochloromethane	8.246	129	188054	49.318	ug/L	98
50) 1,2-Dibromoethane	8.352	107	185700	49.411	ug/L	98
51) Chlorobenzene	8.883	112	457081	48.143	ug/L	98
52) Ethylbenzene	9.014	91	760290	49.008	ug/L	100
53) m,p-Xylene	9.140	106	296711	49.350	ug/L	98
54) o-Xylene	9.545	106	295308	49.550	ug/L	99
55) Styrene	9.561	104	497737	49.873	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	255664	53.177	ug/L	99
59) Bromoform	9.731	173	134919	48.511	ug/L	99
60) Isopropylbenzene	9.934	105	767677	48.942	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	209085	48.359	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	645298	49.024	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	659197	49.254	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	364912	48.040	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	366202	48.298	ug/L	97
67) 1,2-Dichlorobenzene	11.645	146	369120	48.171	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	55604	52.895	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	261406	47.476	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	230489	49.912	ug/L	99
71) Naphthalene	13.503	128	784387	58.475	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	235538	50.773	ug/L	99

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

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