

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080122\
 Data File : VW027155.D
 Acq On : 02 Aug 2022 04:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050323

Quant Time: Aug 02 04:31:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:27:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	675332	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	650869	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	341896	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	202403	46.245	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.500%		
7) Chloroethane-d5	1.561	69	156697	47.844	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.680%		
11) 1,1-Dichloroethene-d2	2.108	63	390474	46.851	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.700%		
21) 2-Butanone-d5	3.873	46	284496	98.730	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.730%		
24) Chloroform-d	4.342	84	420532	47.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.060%		
26) 1,2-Dichloroethane-d4	5.027	65	237403	47.297	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.600%		
32) Benzene-d6	5.047	84	849280	49.311	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.620%		
36) 1,2-Dichloropropane-d6	6.066	67	259300	48.669	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.340%		
41) Toluene-d8	7.313	98	784033	50.495	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.000%		
43) trans-1,3-Dichloroprop...	7.619	79	110074	47.074	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.140%		
47) 2-Hexanone-d5	8.085	63	220701	107.299	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.300%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	381727	47.931	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.860%		
66) 1,2-Dichlorobenzene-d4	11.622	152	288741	48.054	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	285469	44.176	ug/L	98
3) Chloromethane	1.240	50	275158	44.905	ug/L	97
5) Vinyl chloride	1.310	62	290231	45.503	ug/L	100
6) Bromomethane	1.519	94	142253	43.007	ug/L	97
8) Chloroethane	1.581	64	175967	51.491	ug/L	100
9) Trichlorofluoromethane	1.748	101	380422	45.269	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	212643	44.121	ug/L	98
12) 1,1-Dichloroethene	2.114	96	215408	45.998	ug/L	96
13) Acetone	2.166	43	213322	87.671	ug/L	99
14) Carbon disulfide	2.291	76	655733	47.018	ug/L	100
15) Methyl Acetate	2.426	43	248098	46.868	ug/L	99
16) Methylene chloride	2.503	84	262236	44.178	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	232316	46.607	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	697053	48.680	ug/L	100
19) 1,1-Dichloroethane	3.185	63	419583	45.968	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	254050	48.014	ug/L	100
22) 2-Butanone	3.957	43	315374	94.057	ug/L	98
23) Bromochloromethane	4.243	128	140642	46.784	ug/L	100
25) Chloroform	4.371	83	443706	46.170	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	311617	46.832	ug/L	99
29) Cyclohexane	4.674	56	322473	48.936	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	381661	46.763	ug/L	99
31) Carbon tetrachloride	4.825	117	326996	46.593	ug/L	100
33) Benzene	5.095	78	977920	48.988	ug/L	100
34) Trichloroethene	5.908	95	240763	46.898	ug/L	96
35) Methylcyclohexane	6.127	83	350135	45.955	ug/L	100
37) 1,2-Dichloropropane	6.169	63	250558	47.810	ug/L	100
38) Bromodichloromethane	6.506	83	323166	46.554	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	341944	46.511	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	624415	100.813	ug/L	100
42) Toluene	7.384	91	1026618	49.851	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	327087	46.305	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	256770	46.609	ug/L	99
46) Tetrachloroethene	7.973	164	183218	46.746	ug/L	96
48) 2-Hexanone	8.137	43	493942	102.570	ug/L	99
49) Dibromochloromethane	8.243	129	264730	46.292	ug/L	100
50) 1,2-Dibromoethane	8.349	107	265895	46.620	ug/L	98
51) Chlorobenzene	8.879	112	672634	47.198	ug/L	100
52) Ethylbenzene	9.011	91	1053584	49.920	ug/L	100
53) m,p-Xylene	9.136	106	421049	50.857	ug/L	98
54) o-Xylene	9.542	106	413844	51.065	ug/L	99
55) Styrene	9.558	104	735350	52.207	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	415564	46.520	ug/L	99
59) Bromoform	9.728	173	177847	45.057	ug/L	98
60) Isopropylbenzene	9.931	105	1058012	50.433	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	317369	44.711	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	452190	49.764	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	363875	49.563	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	498805	48.245	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	509146	46.681	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	520742	47.963	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	86321	45.454	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	341956	46.619	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	296984	48.219	ug/L	99
71) Naphthalene	13.500	128	1070268	52.901	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	338038	50.189	ug/L	100

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

